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Propagation & Distribution of Fishes

FROM THE NATIONAL FISH HATCHERY SYSTEM

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UNITED STATES DEPARTMENT OF THE INTERIOR

FISH AND WILDLIFE SERVICE

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

Report of
Propagation & Distribution of Fishes
FROM THE NATIONAL FISH HATCHERY SYSTEM

Fiscal Year 1985/Report No. 20

A publication listing National Fish Hatcheries, fish species propagated, and the distribution of eggs, fry, fingerlings, and adults.

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PROPAGATION AND DISTRIBUTION OF FISHES
FROM NATIONAL FISH HATCHERIES

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U.S. FISH AND WILDLIFE SERVICE

FISHERY RESOURCES PROGRAM

Report of
Propagation and Distribution of Fishes
from the National Fish Hatchery System

INTRODUCTION

This report on fish and fish eggs distributed by National Fish Hatcheries for the period October 1, 1984, through September 30, 1985, is the 20th in a series of publications issued since 1872. Federal statutory responsibilities for stewardship of the Nation's diverse and valuable fishery resources date from 1871 when Congress established the position of Commissioner of Fish and Fisheries in response to concerns about the decline in domestic food fish supplies. The tables provide a compilation of hatcheries, species, and program distribution data that describe the Fish and Wildlife Service's activities in fulfilling Federal stewardship responsibilities for fishery resources. Currently, the Service's fish production activities are being evaluated and redirected to fully support the responsibilities and role of the Service in fishery resources.

During its early years, the National Fish Hatchery System was the principal, often the only, management tool available for addressing fishery resource problems. However, changing resource needs, evolving management philosophies, growth of the science and technology of fishery management, the development of State capabilities, and legislative direction have significantly altered the role of National Fish Hatcheries in addressing fishery resource problems. While fish culture capabilities were used in the past, mainly to enhance stocks, facilitating restoration and scientific management of self-sustaining fish populations and mitigating fish losses are now major responsibilities of the Service's Fishery Resources Program. In the 1980's, moreover, the Service has become an increasingly active partner with the States, tribes, and foreign governments in the management of interjurisdictional fishery resources.

Changing circumstances warranted reevaluation of the responsibilities and role of the Service's Fishery Resources Program with regard to State and tribal responsibilities in the management of the Nation's fishery resources. This process identified four areas that represent the responsibilities of the Service's Fishery Resources Program. It should be recognized that these responsibilities are not exclusively those of the Service. Close cooperation is mandatory with States, tribes, and other Federal agencies that are concerned with and share in the management of these resources.

Specifically, the Service's Fishery Resources Program focusses its efforts to:

- *facilitate restoration of depleted, nationally significant fishery resources,*

- *seek and provide for mitigation of fishery resource impairment due to Federal water-related development,*

- *assist with the management of fishery resources on Federal (primarily Service) and Indian lands, and*

- *maintain a Federal leadership role in scientifically-based management of national fishery resources.*

To address these responsibilities, the Fish and Wildlife Service operates 93 production and support facilities comprising the National Fish Hatchery System, (see pages 65 thru 71). These facilities involve fish production, distribution, fish health, fish passage, and fish technology. Additional support is provided through the Service's fishery assistance offices, (see pages 72 thru 73), whose role is to determine fishery management needs, prepare fishery management plans, participate in and/or monitor plan implementation and evaluate the effectiveness of fish hatchery products. This technical assistance is provided to the Service's National Wildlife Refuges, military installations, Indian reservations, and other Federal agencies.

The fish production component of the National Fish Hatchery System is comprised of 73 fish production and distribution facilities and 3 fish production and technology facilities. Of the 73 production and distribution facilities, 17 are involved in the Pacific anadromous program, 5 in lake trout, 7 in Atlantic salmon, and 3 in endangered species. Twenty stations are involved in coldwater species and 21 in warmwater species. Fish production at the 3 production and technology facilities is divided among Pacific anadromous, Atlantic salmon, lake trout, rainbow trout, and several warmwater species.

The support component of the National Fish Hatchery System is comprised of 10 fish health centers and offices, 2 fish passage facilities, and 5 fish technology centers (including the 3 production facilities). The fish health centers and offices provide the expertise required for the diagnosis and treatment of fish diseases and regular disease certification of production facilities. The fish passage facilities provide for upstream passage of adults to maintain spawning activity. The technology centers, as the name implies, provide the technological expertise necessary for direct operational support of fish production at National Fish Hatcheries. Application of research findings greatly enhance fish production at the hatcheries. In support of the Fishery Resources Program, the Service's Research and Development Program identifies and develops basic information for the enhancement of fish husbandry.

The fish and fish egg distribution presented in this booklet represents the combined efforts of the Service's production and support facilities. Some of the data presented reflects the beginning of the transition that is required for the Fishery Resources Program to meet its new responsibilities in a most effective and efficient manner.

GLOSSARY

ADULT - Fish that have attained sexual maturity.

ANADROMOUS FISH - A marine fish such as Pacific or Atlantic Salmon, Striped Bass, and Steelhead Trout that migrate upstream into freshwater to spawn.

ATLANTIC ANADROMOUS PROGRAM - Restoration of anadromous fish species, such as Atlantic Salmon, Striped Bass, and Sturgeon.

COLDWATER SPECIES - Generally, fish that spawn in water temperatures below 55° F. The main cultural species are Trout and Salmon.

COOLWATER SPECIES - Generally, fish that spawn in temperatures between 40° and 60° F. Main cultural coolwater species are Northern Pike, Muskellunge, Walleye, Sauger, and Yellow Perch.

ENDANGERED SPECIES - Species of fish listed as either endangered or threatened under the U. S. Endangered Species Act of May 1977.

FINGERLING - Young fish between one and five inches in length. (For purposes of this Report, all Parr and some Smolts are included within the *Fingerling Column*.

FRY - Recently hatched fish that have reached the free-swimming and feeding stage.

GREAT LAKES PROGRAM - Restoration of Lake Trout stocks in the Great Lakes.

IMPOUNDMENT - All man-made lakes of fifty to five hundred acres.

JURISDICTION - Primary responsibility for fisheries by Ownership of Water, Enabling Legislation, Cooperative Agreement, Judicial Directive, or other Mandate.

PACIFIC ANADROMOUS PROGRAM - Mitigation and restoration of anadromous fish species, such as Chinook, Coho and Chum Salmon, and Steelhead Trout.

PARR - A Life stage of Salmonid Fish extending from time feeding begins until fish become sufficiently pigmented to obliterate the Parr marks, usually ending during the first year.

RESEARCH - Laboratories, experimental ponds and medical research units.

RESERVOIR - A man-made lake over five hundred acres.

TRANSFER - The shipment of fish between National Fish Hatcheries.

SMOLT - Juvenile Salmonid at the time of physiological adaptation to life in the marine environment.

SPECIES PRODUCED AND DISTRIBUTED TO MEET FISHERY RESOURCES PROGRAM RESPONSIBILITIES

THE FOLLOWING LIST REPRESENTS THE GENERAL GROUPS AND SCIENTIFIC NAMES OF FISHES PRODUCED AND DISTRIBUTED TO MEET FISHERY RESOURCES PROGRAM RESPONSIBILITIES. THE NOMENCLATURE USED IS THAT ESTABLISHED IN THE AMERICAN FISHERIES SOCIETY SPECIAL PUBLICATION NUMBER 6 (1970), A LIST OF COMMON AND SCIENTIFIC NAMES OF FISHES FROM THE UNITED STATES AND CANADA.

COMMON NAME	*SCIENTIFIC NAME*
SALMONID (ANADROMOUS)	
CHUM SALMON	*Oncorhynchus keta*
COHO SALMON	*Oncorhynchus kisutch*
CHINOOK SALMON	*Oncorhynchus tshawytscha*
ATLANTIC SALMON	*Salmo salar*
STEELHEAD TROUT	*Salmo gairdneri*
SALMONID (NON-ANADROMOUS)	
CUTTHROAT TROUT	*Salmo clarki*
RAINBOW TROUT	*Salmo gairdneri*
BROWN TROUT	*Salmo trutta*
BROOK TROUT	*Salvelinus fontinalis*
LAKE TROUT	*Salvelinus namaycush*
LANDLOCKED ATLANTIC SALMON	*Salmo salar*
KOKANEE (LANDLOCKED)	*Oncorhynchus nerka*
TIGER TROUT	*Salmo trutta x Salvelinus fontinalis*
OTHER ANADROMOUS SPECIES	
STRIPED BASS	*Morone saxatilis*
ATLANTIC STURGEON	*Acipenser oxyrhynchus*
SHORTNOSE STURGEON	*Acipenser brevirostrum*
ESTUARINE SPECIES	
RED DRUM	*Sciaenops ocellata*
WEAKFISH	*Cynoscion regalis*
SNOOK	*Centropomus undecimalis*

COMMON NAME	SCIENTIFIC NAME
COOLWATER SPECIES	
BONYTAIL CHUB	*Gila elegans*
COLORADO SQUAWFISH	*Ptychocheilius lucius*
MUSKELLUNGE	*Esox masquinongy*
NORTHERN PIKE	*Esox lucius*
RAZORBACK SUCKER	*Xyrauchen texanus*
SAUGER	*Stizostedion canadense*
WALLEYE	*Stizostedion vitreum vitreu*
YELLOW PERCH	*Perca flavascena*
YAQUI CHUB	*Gila purpurea*
CHIHUAHUA CHUB	*Gila nigrescens*
WARMWATER SPECIES	
WHITE BASS	*Morone chrysops*
SMALLMOUTH BASS	*Micropterus dolomieui*
LARGEMOUTH BASS	*Micropterus salmoides*
BLACK CRAPPIE	*Pomoxis nigromaculatus*
BLUEGILL	*Lepomis microchirus*
REDEAR SUNFISH	*Lepomis microlophus*
BLUE CATFISH	*Ictalurus furcatus*
CHANNEL CATFISH	*Ictalurus punctatus*
BULLHEADS	*Ictalurus species*
FLATHEAD CATFISH	*Pylodictis olivaris*
CARP	*Cyprinus carpio*
GOLDFISH	*Carassius auratus*
BOWFIN	*Amia calva*
GARS	*Lepisosteus species*
DESERT PUPFISH	*Cyprinodon macularuis*
DARTERS	*Etheostoma*
BEAUTIFUL SHINER	*Notropis formosus*
GILA TOPMINNOW	*Poeciliopsis o. occidentalis*
RIO GRANDE CHUB	*Gila pandora*
PADDLEFISH	*Polyodon Spathula*
FATHEAD MINNOW	*Pimephales promelas*

U.S. FISH AND WILDLIFE SERVICE

FISHERY RESOURCES PROGRAM

T A B L E S

F O R

NATIONAL FISH HATCHERY SYSTEM

FISH AND FISH EGG DISTRIBUTION

T A B L E 1

FISH EGG DISTRIBUTION
BY REGION AND NATIONAL FISH HATCHERY

- TOTAL NUMBER OF FISH EGGS BY SPECIES DISTRIBUTED

BY NATIONAL FISH HATCHERIES -

FISH EGGS ARE PRODUCED BY THE NATIONAL FISH HATCHERY SYSTEM FOR DISTRIBUTION TO SERVICE HATCHERIES FOR INCUBATION AND REARING AND TO RESEARCH AND TECHNOLOGY FACILITIES FOR RESEARCH. IN ADDITION, SOME FISH EGGS ARE PROVIDED TO COOPERATING STATES TO MEET TRADE-OFF OBLIGATIONS TO FULFILL SERVICE RESPONSIBILITIES.

FISH EGG DISTRIBUTION BY
REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	NUMBER OF EGGS
REGION 1	
CARSON NFH, WA	
-SPRING CHINOOK SAL	1,090,500
TOTAL HATCHERY DISTRIBUTION	1,090,500
COLEMAN NFH, CA	
-FALL CHINOOK SALMON	737,600
TOTAL HATCHERY DISTRIBUTION	737,600
DWORSHAK NFH, ID	
-STEELHEAD TROUT	914,350
TOTAL HATCHERY DISTRIBUTION	914,350
EAGLE CREEK NFH, OR	
-STEELHEAD TROUT	663,905
-SPRING CHINOOK SAL	104,000
TOTAL HATCHERY DISTRIBUTION	767,905
QUILCENE NFH, WA	
-CHUM SALMON	3,200,850
-COHO SALMON	1,226,750
TOTAL HATCHERY DISTRIBUTION	4,427,600
TOTAL REGIONAL DISTRIBUTION	7,937,955
REGION 2	
TISHOMINGO NFH, OK	
-CHANNEL CATFISH	5,000
TOTAL HATCHERY DISTRIBUTION	5,000
TOTAL REGIONAL DISTRIBUTION	5,000
REGION 3	
GENOA NFH, WI	
-WALLEYE	7,388,031
-SAUGER	730,000
-NORTHERN PIKE	3,085,000
-WALLEYE X SAUGER	50,000
-FALL CHINOOK SALMON	1,639,000
TOTAL HATCHERY DISTRIBUTION	12,892,031

FISH EGG DISTRIBUTION BY
REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	NUMBER OF EGGS
REGION 5 * cont *	
CRAIG BROOK NFH, ME	
-ATLANTIC SALMON	1,754,114
TOTAL HATCHERY DISTRIBUTION	1,754,114
GREEN LAKE NFH, ME	
-LANDLOCKED ATL SAL	300
-ATLANTIC SALMON	1,482,445
TOTAL HATCHERY DISTRIBUTION	1,482,745
NASHUA NFH, NH	
-ATLANTIC SALMON	140,102
TOTAL HATCHERY DISTRIBUTION	140,102
NTH ATTLEBORO NFH,MA	
-BROWN TROUT	830,287
-BROOK TROUT	2,152,841
-TIGER TROUT	37,600
-ATLANTIC SALMON	269,433
TOTAL HATCHERY DISTRIBUTION	3,290,161
SUNDERLAND NSS, MA	
-ATLANTIC SALMON	153,769
TOTAL HATCHERY DISTRIBUTION	153,769
WT SULPUR SPR NFH,WV	
-RAINBOW TROUT	6,603,573
-BROOK TROUT	443,956
TOTAL HATCHERY DISTRIBUTION	7,047,529
TOTAL REGIONAL DISTRIBUTION	15,391,656
REGION 6	
CRESTON NFH, MT	
-RAINBOW TROUT	6,814,841
-CUTTHROAT TROUT	998,465
TOTAL HATCHERY DISTRIBUTION	7,813,306
ENNIS NFH, MT	
-RAINBOW TROUT	20,469,395
TOTAL HATCHERY DISTRIBUTION	20,469,395
GARRISON DAM NFH, ND	
-WALLEYE	1,720,000
-FALL CHINOOK SALMON	165,216
TOTAL HATCHERY DISTRIBUTION	1,885,216

FISH EGG DISTRIBUTION BY
REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	NUMBER OF EGGS
REGION 3 * cont *	
IRON RIVER NFH, WI	
-LAKE TROUT	2,419,986
TOTAL HATCHERY DISTRIBUTION	2,419,986
JORDAN RIVER NFH, MI	
-LAKE TROUT	2,200
TOTAL HATCHERY DISTRIBUTION	2,200
SENECAVILLE NFH, OH	
-WALLEYE	4,035,000
-WALLEYE X SAUGER	35,000
TOTAL HATCHERY DISTRIBUTION	4,070,000
TOTAL REGIONAL DISTRIBUTION	19,384,217
REGION 4	
ERWIN NFH, TN	
-RAINBOW TROUT	16,170,573
TOTAL HATCHERY DISTRIBUTION	16,170,573
FRANKFORT NFH, KY	
-CHANNEL CATFISH	125,500
TOTAL HATCHERY DISTRIBUTION	125,500
MILLEN NFH, GA	
-CHANNEL CATFISH	429,100
TOTAL HATCHERY DISTRIBUTION	429,100
TOTAL REGIONAL DISTRIBUTION	16,725,173
REGION 5	
ALLEGHENY NFH, PA	
-LAKE TROUT	560,900
TOTAL HATCHERY DISTRIBUTION	560,900
BERKSHIRE NFH, MA	
-ATLANTIC SALMON	962,336
TOTAL HATCHERY DISTRIBUTION	962,336

FISH EGG DISTRIBUTION BY
REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	NUMBER OF EGGS
REGION 6 * cont *	
Gavins Point NFH, SD	
-WALLEYE	3,720,000
-NORTHERN PIKE	17,800,000
TOTAL HATCHERY DISTRIBUTION	21,520,000
JACKSON NFH, WY	
-CUTTHROAT TROUT	2,214,120
-LAKE TROUT	2,429,916
TOTAL HATCHERY DISTRIBUTION	4,644,036
SARATOGA NFH, WY	
-CUTTHROAT TROUT	19,300
-BROWN TROUT	1,011,000
-BROOK TROUT	1,094,800
TOTAL HATCHERY DISTRIBUTION	2,125,100
VALLEY CITY NFH, ND	
-NORTHERN PIKE	4,000,000
TOTAL HATCHERY DISTRIBUTION	4,000,000
TOTAL REGIONAL DISTRIBUTION	62,457,053
TOTAL ALL FWS REGIONS	121,901,054

T A B L E 2

FISH DISTRIBUTION BY REGION AND NATIONAL FISH HATCHERY

- TOTAL NUMBER AND POUNDS OF FISH BY SPECIES DISTRIBUTED BY NATIONAL FISH HATCHERIES -

SERVICE HATCHERIES DISTRIBUTE FISH OF THE SIZE, SPECIES, NUMBER, STRAIN AND QUALITY REQUIRED TO MEET FEDERAL FISHERY RESPONSIBILITIES TO:

- *FACILITATE RESTORATION OF DEPLETED, NATIONALLY SIGNIFICANT FISHERY RESOURCES;*
- *PROVIDE FOR MITIGATION OF FISHERY RESOURCE IMPAIRMENT DUE TO FEDERAL WATER-RELATED DEVELOPMENT;*
- *ASSIST WITH MANAGEMENT OF FISHERY RESOURCES ON FEDERAL (PRIMARILY SERVICE) AND INDIAN LANDS; AND*
- *MAINTAIN A FEDERAL LEADERSHIP ROLE IN SCIENTIFICALLY BASED MANAGEMENT OF NATIONAL FISHERY RESOURCES.*

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 1								
ABERNATHY STC, WA								
-FALL CHINOOK SALMON			628,978	25,038			628,978	25,038
TOTAL HATCHERY SHIPMENTS			628,978	25,038			628,978	25,038
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			628,978	25,038			628,978	25,038
CARSON NFH, WA								
-SPRING CHINOOK SAL			2,882,101	123,943			2,882,101	123,943
TOTAL HATCHERY SHIPMENTS			2,882,101	123,943			2,882,101	123,943
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			2,882,101	123,943			2,882,101	123,943
COLEMAN NFH, CA								
-STEELHEAD TROUT			969,423	108,335			969,423	108,335
-FALL CHINOOK SALMON			24,483,979	151,776			24,483,979	151,776
TOTAL HATCHERY SHIPMENTS			25,453,402	260,111			25,453,402	260,111
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			25,453,402	260,111			25,453,402	260,111
DWORSHAK NFH, ID								
-STEELHEAD TROUT			1,601,695	222,009	7,646	114,690	1,609,341	336,699
-SPRING CHINOOK SAL			1,138,139	52,004			1,138,139	52,004
TOTAL HATCHERY SHIPMENTS			2,739,834	274,013	7,646	114,690	2,747,480	388,703
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			2,739,834	274,013	7,646	114,690	2,747,480	388,703
EAGLE CREEK NFH, OR								
-STEELHEAD TROUT			242,290	12,932			242,290	12,932
-COHO SALMON			1,420,914	70,668			1,420,914	70,668
-SPRING CHINOOK SAL	7,567	4	655,624	57,780			663,191	57,784
TOTAL HATCHERY SHIPMENTS	7,567	4	2,318,828	141,380			2,326,395	141,384
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	7,567	4	2,318,828	141,380			2,326,395	141,384
ENTIAT NFH, WA								
-SPRING CHINOOK SAL			894,631	47,800			894,631	47,800
TOTAL HATCHERY SHIPMENTS			894,631	47,800			894,631	47,800
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			894,631	47,800			894,631	47,800

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 1 * cont *								
HAGERMAN NFH, ID								
-RAINBOW TROUT					106,301	17,820	106,301	17,820
-STEELHEAD TROUT			1,369,759	310,104			1,369,759	310,104
-FALL CHINOOK SALMON			128,229	2,625			128,229	2,625
TOTAL HATCHERY SHIPMENTS			1,497,988	312,729	106,301	17,820	1,604,289	330,549
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			1,497,988	312,729	106,301	17,820	1,604,289	330,549
KOOSKIA NFH, ID								
-RAINBOW TROUT			419,136	8,226			419,136	8,226
-STEELHEAD TROUT			3,193,285	12,204			3,193,285	12,204
(TRANSFERS)			(3,193,285)	(12,204)			(3,193,285)	(12,204)
-SPRING CHINOOK SAL			355,176	18,463			355,176	18,463
TOTAL HATCHERY SHIPMENTS			3,967,597	38,893			3,967,597	38,893
TOTAL TRANSFERS			(3,193,285)	(12,204)			(3,193,285)	(12,204)
HATCHERY DISTRIBUTION			774,312	26,689			774,312	26,689
LAHONTAN NFH, NV								
-CUTTHROAT TROUT			1,246,612	8,473	571,969	79,868	1,818,581	88,341
TOTAL HATCHERY SHIPMENTS			1,246,612	8,473	571,969	79,868	1,818,581	88,341
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			1,246,612	8,473	571,969	79,868	1,818,581	88,341
LEAVENWORTH NFH, WA								
-STEELHEAD TROUT			111,600	10,835			111,600	10,835
-SPRING CHINOOK SAL			2,616,750	145,632			2,616,750	145,632
TOTAL HATCHERY SHIPMENTS			2,728,350	156,467			2,728,350	156,467
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			2,728,350	156,467			2,728,350	156,467
LT WHT SALMON/WIL,WA								
-COHO SALMON			1,244,272	66,325			1,244,272	66,325
-FALL CHINOOK SALMON			1,600,008	14,510			1,600,008	14,510
-SPRING CHINOOK SAL			2,023,033	106,382			2,023,033	106,382
-UP RIVER BRIGHT FCS			1,141,622	18,009			1,141,622	18,009
TOTAL HATCHERY SHIPMENTS			6,008,935	205,226			6,008,935	205,226
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			6,008,935	205,226			6,008,935	205,226

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 1 * cont *								
MAKAH NFH, WA								
-STEELHEAD TROUT			31,000	99			31,000	99
-CHUM SALMON			1,986,943	18,391			1,986,943	18,391
-COHO SALMON			849,341	27,935			849,341	27,935
-FALL CHINOOK SALMON	48,000	114	43,455	530			91,455	644
TOTAL HATCHERY SHIPMENTS	48,000	114	2,910,739	46,955			2,958,739	47,069
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	48,000	114	2,910,739	46,955			2,958,739	47,069
QUILCENE NFH, WA								
-CHUM SALMON			3,208,001	4,098			3,208,001	4,098
-COHO SALMON			540,495	15,003			540,495	15,003
-SPRING CHINOOK SAL			457,019	28,656			457,019	28,656
TOTAL HATCHERY SHIPMENTS			4,205,515	47,757			4,205,515	47,757
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			4,205,515	47,757			4,205,515	47,757
QUINAULT NFH, WA								
-STEELHEAD TROUT	635,225	277	803,534	32,904			1,438,759	33,181
-CHUM SALMON	1,688,709	3,836					1,688,709	3,836
-COHO SALMON	860,132	3,366	82,080	6,784			942,212	10,150
-FALL CHINOOK SALMON			354,170	9,239			354,170	9,239
TOTAL HATCHERY SHIPMENTS	3,184,066	7,479	1,239,784	48,927			4,423,850	56,406
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	3,184,066	7,479	1,239,784	48,927			4,423,850	56,406
SPRING CREEK NFH, WA								
-FALL CHINOOK SALMON			14,631,260	86,694			14,631,260	86,694
-UP RIVER BRIGHT FCS			1,394,941	15,586			1,394,941	15,586
TOTAL HATCHERY SHIPMENTS			16,026,201	102,280			16,026,201	102,280
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			16,026,201	102,280			16,026,201	102,280
TEHAMA COLUSA FF, CA								
-FALL CHINOOK SALMON	984,773	861	171,081	3,759			1,155,854	4,620
TOTAL HATCHERY SHIPMENTS	984,773	861	171,081	3,759			1,155,854	4,620
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	984,773	861	171,081	3,759			1,155,854	4,620

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 1 * cont *								
WARM SPRINGS NFH, OR								
-RAINBOW TROUT					19,770	8,100	19,770	8,100
-BROOK TROUT			75,080	1,252			75,080	1,252
-SPRING CHINOOK SAL			806,325	66,708			806,325	66,708
TOTAL HATCHERY SHIPMENTS			881,405	67,960	19,770	8,100	901,175	76,060
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			881,405	67,960	19,770	8,100	901,175	76,060
WINTHROP NFH, WA								
-RAINBOW TROUT			402,986	8,519	49,662	13,290	452,648	21,809
-CUTTHROAT TROUT			57,000	540			57,000	540
-BROOK TROUT			475,190	9,049			475,190	9,049
-SPRING CHINOOK SAL			1,205,102	69,436			1,205,102	69,436
TOTAL HATCHERY SHIPMENTS			2,140,278	87,544	49,662	13,290	2,189,940	100,834
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			2,140,278	87,544	49,662	13,290	2,189,940	100,834
REGIONAL SHIPMENTS	4,224,406	8,458	77,942,259	1,999,255	755,348	233,768	82,922,013	2,241,481
REGIONAL TRANSFERS			(3,193,285)	(12,204)			(3,193,285)	(12,204)
REGIONAL DISTRIBUTION	4,224,406	8,458	74,748,974	1,987,051	755,348	233,768	79,728,728	2,229,277
REGION 2								
ALCHESAY NFH, AZ								
-RAINBOW TROUT			394,164	32,355	458,659	106,126	852,823	138,481
(TRANSFERS)			(14,400)	(233)			(14,400)	(233)
-CUTTHROAT TROUT			222,269	18,220			222,269	18,220
-BROOK TROUT			145,450	4,723			145,450	4,723
TOTAL HATCHERY SHIPMENTS			761,883	55,298	458,659	106,126	1,220,542	161,424
TOTAL TRANSFERS			(14,400)	(233)			(14,400)	(233)
HATCHERY DISTRIBUTION			747,483	55,065	458,659	106,126	1,206,142	161,191
DEXTER NFH, NM								
-DESERT PUPFISH			1,000	2			1,000	2
-GILA TOPMINNOW			10,000	20			10,000	20
-RIO GRANDE CHUB			27	3			27	3
-RAZORBACK SUCKER	2,657,072	30	493,472	1,926	1,054	152	3,151,598	2,108

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 2 * cont *								
DEXTER NFH, NM * cont *								
-BONYTAIL CHUB			10	1			10	1
-CHIHUAHUA CHUB	13	1					13	1
-COLORADO SQUAWFISH			116,795	360	301	265	117,096	625
-YAQUI CHUB			5	1			5	1
-RAZORBACK SUCKER			138,639	1,353	814	89	139,453	1,442
TOTAL HATCHERY SHIPMENTS	2,657,085	31	759,948	3,666	2,169	506	3,419,202	4,203
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	2,657,085	31	759,948	3,666	2,169	506	3,419,202	4,203
INKS DAM NFH, TX								
-LARGEMOUTH BASS			494,310	572			494,310	572
-CHANNEL CATFISH			73,883	1,981	111,736	50,772	185,619	52,753
-CUTTHROAT TROUT					7,221	1,920	7,221	1,920
TOTAL HATCHERY SHIPMENTS			568,193	2,553	118,957	52,692	687,150	55,245
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			568,193	2,553	118,957	52,692	687,150	55,245
MESCALERO NFH, NM								
-RAINBOW TROUT			55,000	3,664	242,298	56,815	297,298	60,479
(TRANSFERS)			(25,000)	(1,965)			(25,000)	(1,965)
-CUTTHROAT TROUT			180,500	19,323	63,002	17,325	243,502	36,648
(TRANSFERS)					(10,000)	(2,571)	(10,000)	(2,571)
TOTAL HATCHERY SHIPMENTS			235,500	22,987	305,300	74,140	540,800	97,127
TOTAL TRANSFERS			(25,000)	(1,965)	(10,000)	(2,571)	(35,000)	(4,536)
HATCHERY DISTRIBUTION			210,500	21,022	295,300	71,569	505,800	92,591
SAN MARCOS FTC, TX								
-LARGEMOUTH BASS			7,040	1,484	606	188	7,646	1,672
(TRANSFERS)					(143)	(143)	(143)	(143)
-OTHER BASS					50	23	50	23
-GOLDFISH					322	292	322	292
(TRANSFERS)					(282)	(282)	(282)	(282)
-LARGEMOUTH BASS					125	33	125	33
TOTAL HATCHERY SHIPMENTS			7,040	1,484	1,103	536	8,143	2,020
TOTAL TRANSFERS					(425)	(425)	(425)	(425)
HATCHERY DISTRIBUTION			7,040	1,484	678	111	7,718	1,595
TISHOMINGO NFH, OK								
-SMALLMOUTH BASS			47,216	103			47,216	103

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 2 * cont *								
TISHOMINGO NFH, OK * cont *								
-CHANNEL CATFISH	1,927,000	150	1,140,790	16,278	52	380	3,067,842	16,808
(TRANSFERS)	(700,000)	(50)	(242,000)	(19)			(942,000)	(69)
-WHITE X STRIPED BASS			396,755	615			396,755	615
-STRIPED BASS(INLAND)			98,702	119			98,702	119
TOTAL HATCHERY SHIPMENTS	1,927,000	150	1,683,463	17,115	52	380	3,610,515	17,645
TOTAL TRANSFERS	(700,000)	(50)	(242,000)	(19)			(942,000)	(69)
HATCHERY DISTRIBUTION	1,227,000	100	1,441,463	17,096	52	380	2,668,515	17,576
UVLADE NFH, TX								
-LARGEMOUTH BASS			1,060,255	1,936			1,060,255	1,936
-CHANNEL CATFISH			146,860	3,046	182,264	37,177	329,124	40,223
TOTAL HATCHERY SHIPMENTS			1,207,115	4,982	182,264	37,177	1,389,379	42,159
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			1,207,115	4,982	182,264	37,177	1,389,379	42,159
WILLOW BEACH NFH, AZ								
-RAINBOW TROUT			853,375	6,575	927,580	178,100	1,780,955	184,675
TOTAL HATCHERY SHIPMENTS			853,375	6,575	927,580	178,100	1,780,955	184,675
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			853,375	6,575	927,580	178,100	1,780,955	184,675
REGIONAL SHIPMENTS	4,584,085	181	6,076,517	114,660	1,996,084	449,657	12,656,686	564,498
REGIONAL TRANSFERS	(700,000)	(50)	(281,400)	(2,217)	(10,425)	(2,996)	(991,825)	(5,263)
REGIONAL DISTRIBUTION	3,884,085	131	5,795,117	112,443	1,985,659	446,661	11,664,861	559,235
REGION 3								
GENOA NFH, WI								
-LARGEMOUTH BASS			897,974	2,343	185	586	898,159	2,929
-SMALLMOUTH BASS			50,130	36	90	180	50,220	216
-BLACK CRAPPIE					1,020	340	1,020	340
-BLUEGILL			215,400	86	1,000	246	216,400	332
-OTHER SUCKERS	50,000	2					50,000	2
-BLACK BULLHEAD			5,850	14			5,850	14
-FATHEAD MINNOW			43,000	54			43,000	54
-CARP					161	453	161	453

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 3 * cont *								
GENOA NFH, WI * cont *								
-GARS					106	184	106	184
-BOWFIN					968	4,000	968	4,000
-OTHER WARM WATER					10,000	200	10,000	200
-YELLOW PERCH					265	82	265	82
-WALLEYE	8,047,500	93			6	12	8,047,506	105
-SAUGER					16	24	16	24
-NORTHERN PIKE	8,644,000	246	110	10	350	270	8,644,460	526
-MUSKELLUNGE	5,000	1					5,000	1
-RAINBOW TROUT			8,964	614	35,036	7,848	44,000	8,462
-BROOK TROUT			13,200	182			13,200	182
TOTAL HATCHERY SHIPMENTS	16,746,500	342	1,234,628	3,339	49,203	14,425	18,030,331	18,106
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	16,746,500	342	1,234,628	3,339	49,203	14,425	18,030,331	18,106
HIAWATHA FST NFH, MI								
-LAKE TROUT			469,400	18,172			469,400	18,172
TOTAL HATCHERY SHIPMENTS			469,400	18,172			469,400	18,172
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			469,400	18,172			469,400	18,172
IRON RIVER NFH, WI								
-LAKE TROUT			1,751,004	70,577	470	3,162	1,751,474	73,739
(TRANSFERS)			(66,600)	(765)			(66,600)	(765)
TOTAL HATCHERY SHIPMENTS			1,751,004	70,577	470	3,162	1,751,474	73,739
TOTAL TRANSFERS			(66,600)	(765)			(66,600)	(765)
HATCHERY DISTRIBUTION			1,684,404	69,812	470	3,162	1,684,874	72,974
JORDAN RIVER NFH, MI								
-LAKE TROUT			7,419,853	169,131	4,330	19,640	7,424,183	188,771
(TRANSFERS)			(3,825,933)	(25,259)	(2,878)	(5,198)	(3,828,811)	(30,457)
TOTAL HATCHERY SHIPMENTS			7,419,853	169,131	4,330	19,640	7,424,183	188,771
TOTAL TRANSFERS			(3,825,933)	(25,259)	(2,878)	(5,198)	(3,828,811)	(30,457)
HATCHERY DISTRIBUTION			3,593,920	143,872	1,452	14,442	3,595,372	158,314
NEOSHO NFH, MO								
-RAINBOW TROUT			12,700	454	317,590	62,887	330,290	63,341
(TRANSFERS)			(12,700)	(454)			(12,700)	(454)
TOTAL HATCHERY SHIPMENTS			12,700	454	317,590	62,887	330,290	63,341
TOTAL TRANSFERS			(12,700)	(454)			(12,700)	(454)
HATCHERY DISTRIBUTION					317,590	62,887	317,590	62,887

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 3 * cont *								
PENDILLS CRK NFH, MI								
-LAKE TROUT			898,400	28,985			898,400	28,985
TOTAL HATCHERY SHIPMENTS			898,400	28,985			898,400	28,985
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			898,400	28,985			898,400	28,985
SENECAVILLE NFH, OH								
-SMALLMOUTH BASS					313	657	313	657
(TRANSFERS)					(294)	(600)	(294)	(600)
-CHANNEL CATFISH	80,000	9	518,136	4,433	17,050	1,156	615,186	5,598
-FLATHEAD CATFISH			18,200	195			18,200	195
-WHITE X STRIPED BASS			100,000	184			100,000	184
-WALLEYE	7,400,000	41	1,626,760	1,566			9,026,760	1,607
-SAUGER	250,000	1					250,000	1
-WALLEYE X SAUGER			359,100	410			359,100	410
TOTAL HATCHERY SHIPMENTS	7,730,000	51	2,622,196	6,788	17,363	1,813	10,369,559	8,652
TOTAL TRANSFERS					(294)	(600)	(294)	(600)
HATCHERY DISTRIBUTION	7,730,000	51	2,622,196	6,788	17,069	1,213	10,369,265	8,052
REGIONAL SHIPMENTS	24,476,500	393	14,408,181	297,446	388,956	101,927	39,273,637	399,766
REGIONAL TRANSFERS			(3,905,233)	(26,478)	(3,172)	(5,798)	(3,908,405)	(32,276)
REGIONAL DISTRIBUTION	24,476,500	393	10,502,948	270,968	385,784	96,129	35,365,232	367,490
REGION 4								
CARBON HILL NFH, AL								
-LARGEMOUTH BASS			33,276	21			33,276	21
-BLUEGILL			195,743	443			195,743	443
(TRANSFERS)			(27,000)	(150)			(27,000)	(150)
-REDEAR SUNFISH			83,147	226			83,147	226
(TRANSFERS)			(11,000)	(110)			(11,000)	(110)
-CHANNEL CATFISH			36,020	915	7,000	4,600	43,020	5,515
(TRANSFERS)			(4,500)	(450)			(4,500)	(450)
-STRIPED BASS(INLAND)			325,360	184			325,360	184
-WALLEYE			9,263	20			9,263	20
-STRIPED BASS (ANAD)			305,601	816			305,601	816
TOTAL HATCHERY SHIPMENTS			988,410	2,625	7,000	4,600	995,410	7,225
TOTAL TRANSFERS			(42,500)	(710)			(42,500)	(710)
HATCHERY DISTRIBUTION			945,910	1,915	7,000	4,600	952,910	6,515

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 4 * cont *								
CHATTAHOOCHEE FST,GA								
-RAINBOW TROUT			172,596	7,442	735,302	172,472	907,898	179,914
TOTAL HATCHERY SHIPMENTS			172,596	7,442	735,302	172,472	907,898	179,914
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			172,596	7,442	735,302	172,472	907,898	179,914
DALE HOLLOW NFH, TN								
-RAINBOW TROUT			957,662	8,702	597,834	178,379	1,555,496	187,081
(TRANSFERS)			(797,662)	(3,133)			(797,662)	(3,133)
-LAKE TROUT			76,676	3,581			76,676	3,581
TOTAL HATCHERY SHIPMENTS			1,034,338	12,283	597,834	178,379	1,632,172	190,662
TOTAL TRANSFERS			(797,662)	(3,133)			(797,662)	(3,133)
HATCHERY DISTRIBUTION			236,676	9,150	597,834	178,379	834,510	187,529
EDENTON NFH, NC								
-LARGEMOUTH BASS			20,834	21			20,834	21
-BLUEGILL			165,840	79			165,840	79
-REDEAR SUNFISH			70,974	34			70,974	34
-CHANNEL CATFISH			16,189	329			16,189	329
-STRIPED BASS (ANAD)			381,296	11,372			381,296	11,372
TOTAL HATCHERY SHIPMENTS			655,133	11,835			655,133	11,835
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			655,133	11,835			655,133	11,835
ERWIN NFH, TN								
-RAINBOW TROUT			107,204	2,160	38,412	53,864	145,616	56,024
TOTAL HATCHERY SHIPMENTS			107,204	2,160	38,412	53,864	145,616	56,024
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			107,204	2,160	38,412	53,864	145,616	56,024
FRANKFORT NFH, KY								
-LARGEMOUTH BASS			280,065	200	462	49	280,527	249
(TRANSFERS)			(101,000)	(44)			(101,000)	(44)
-BLUEGILL			1,198,110	2,880			1,198,110	2,880
-REDEAR SUNFISH			102,020	175			102,020	175
-CHANNEL CATFISH	171,850	18	85,495	791	13,981	1,465	271,326	2,274
(TRANSFERS)	(151,850)	(16)					(151,850)	(16)
-GOLDFISH			136,350	1,596			136,350	1,596
-WHITE X STRIPED BASS			89,100	112			89,100	112
-STRIPED BASS(INLAND)			46,775	127			46,775	127

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 4 * cont *								
FRANKFORT NFH, KY * cont *								
-WALLEYE			50,000	33			50,000	33
TOTAL HATCHERY SHIPMENTS	171,850	18	1,987,915	5,914	14,443	1,514	2,174,208	7,446
TOTAL TRANSFERS	(151,850)	(16)	(101,000)	(44)			(252,850)	(60)
HATCHERY DISTRIBUTION	20,000	2	1,886,915	5,870	14,443	1,514	1,921,358	7,386
GREERS FERRY NFH, AR								
-RAINBOW TROUT			457,008	2,056	746,249	190,341	1,203,257	192,397
TOTAL HATCHERY SHIPMENTS			457,008	2,056	746,249	190,341	1,203,257	192,397
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			457,008	2,056	746,249	190,341	1,203,257	192,397
MAMMOTH SPRS NFH, AR								
-LARGEMOUTH BASS			85,510	303	8,000	400	93,510	703
-SMALLMOUTH BASS	320,000	32	193,200	220	27,000	901	540,200	1,153
(TRANSFERS)	(100,000)	(10)					(100,000)	(10)
-BLUEGILL			278,198	330			278,198	330
-REDEAR SUNFISH			93,192	105			93,192	105
-CHANNEL CATFISH			108,475	2,545	7,700	520	116,175	3,065
-WALLEYE					3,500	350	3,500	350
-STRIPED BASS (ANAD)			20	180			20	180
(TRANSFERS)			(20)	(180)			(20)	(180)
TOTAL HATCHERY SHIPMENTS	320,000	32	758,595	3,683	46,200	2,171	1,124,795	5,886
TOTAL TRANSFERS	(100,000)	(10)	(20)	(180)			(100,020)	(190)
HATCHERY DISTRIBUTION	220,000	22	758,575	3,503	46,200	2,171	1,024,775	5,696
MCKINNEY LAKE NFH,NC								
-LARGEMOUTH BASS			204,730	265	139	166	204,869	431
(TRANSFERS)			(30,450)	(31)			(30,450)	(31)
-BLUEGILL			755,520	406	300	74	755,820	480
(TRANSFERS)			(198,000)	(93)			(198,000)	(93)
-REDEAR SUNFISH			320,455	173	19	3	320,474	176
(TRANSFERS)			(85,000)	(40)			(85,000)	(40)
-CHANNEL CATFISH			134,580	3,126	11,754	4,900	146,334	8,026
(TRANSFERS)			(21,000)	(391)			(21,000)	(391)
-STRIPED BASS(INLAND)			356,000	393			356,000	393
-STRIPED BASS (ANAD)			75,850	2,614			75,850	2,614
(TRANSFERS)			(47,000)	(64)			(47,000)	(64)
TOTAL HATCHERY SHIPMENTS			1,847,135	6,977	12,212	5,143	1,859,347	12,120
TOTAL TRANSFERS			(381,450)	(619)			(381,450)	(619)
HATCHERY DISTRIBUTION			1,465,685	6,358	12,212	5,143	1,477,897	11,501

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 4 * cont *								
MERIDIAN NFH, MS								
-LARGEMOUTH BASS			341,100	236			341,100	236
-BLUEGILL			2,459,830	2,270	5	3	2,459,835	2,273
(TRANSFERS)			(581,000)	(352)			(581,000)	(352)
-REDEAR SUNFISH			1,121,956	1,053			1,121,956	1,053
-BLUE CATFISH			500	50	23	140	523	190
-CHANNEL CATFISH			280,473	1,088			280,473	1,088
-STRIPED BASS (ANAD)			297,000	297			297,000	297
TOTAL HATCHERY SHIPMENTS			4,500,859	4,994	28	143	4,500,887	5,137
TOTAL TRANSFERS			(581,000)	(352)			(581,000)	(352)
HATCHERY DISTRIBUTION			3,919,859	4,642	28	143	3,919,887	4,785
MILLEN NFH, GA								
-LARGEMOUTH BASS			66,075	42			66,075	42
-BLUEGILL			796,680	938	493	47	797,173	985
(TRANSFERS)					(493)	(47)	(493)	(47)
-REDEAR SUNFISH			206,520	192	478	42	206,998	234
(TRANSFERS)					(478)	(42)	(478)	(42)
-CHANNEL CATFISH	177,000	17	427,621	4,626	56	448	604,677	5,091
(TRANSFERS)	(177,000)	(17)	(131,258)	(1,134)	(28)	(196)	(308,286)	(1,347)
-WHITE X STRIPED BASS			75,900	71			75,900	71
-STRIPED BASS(INLAND)			20,500	11			20,500	11
-STRIPED BASS (ANAD)			60,418	5,101			60,418	5,101
TOTAL HATCHERY SHIPMENTS	177,000	17	1,653,714	10,981	1,027	537	1,831,741	11,535
TOTAL TRANSFERS	(177,000)	(17)	(131,258)	(1,134)	(999)	(285)	(309,257)	(1,436)
HATCHERY DISTRIBUTION			1,522,456	9,847	28	252	1,522,484	10,099
NATCHITOCHES NFH, LA								
-LARGEMOUTH BASS			497,795	383	58	174	497,853	557
(TRANSFERS)			(47,320)	(34)			(47,320)	(34)
-BLUEGILL			2,283,120	3,960			2,283,120	3,960
(TRANSFERS)			(40,000)	(80)			(40,000)	(80)
-REDEAR SUNFISH			623,777	887			623,777	887
(TRANSFERS)			(65,340)	(125)			(65,340)	(125)
-BLUE CATFISH			209,385	5,491			209,385	5,491
-CHANNEL CATFISH			29,244	719			29,244	719
-FLATHEAD CATFISH			2,000	80			2,000	80
-WHITE X STRIPED BASS			759,618	427			759,618	427
-STRIPED BASS (ANAD)			757,878	584			757,878	584
TOTAL HATCHERY SHIPMENTS			5,162,817	12,531	58	174	5,162,875	12,705
TOTAL TRANSFERS			(152,660)	(239)			(152,660)	(239)
HATCHERY DISTRIBUTION			5,010,157	12,292	58	174	5,010,215	12,466

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 4 * cont *								
NORFORK NFH, AR								
-RAINBOW TROUT			50,142	183	1,581,443	527,440	1,631,585	527,623
-CUTTHROAT TROUT					60,781	1,531	60,781	1,531
-BROWN TROUT			39,520	16	54,639	12,912	94,159	12,928
(TRANSFERS)			(39,520)	(16)			(39,520)	(16)
TOTAL HATCHERY SHIPMENTS			89,662	199	1,696,863	541,883	1,786,525	542,082
TOTAL TRANSFERS			(39,520)	(16)			(39,520)	(16)
HATCHERY DISTRIBUTION			50,142	183	1,696,863	541,883	1,747,005	542,066
ORANGEBURG NFH, SC								
-BLUEGILL			55,000	55			55,000	55
-REDEAR SUNFISH			25,000	25			25,000	25
-OTHER SUNFISH			453,800	481			453,800	481
-BLUE CATFISH	232,000	334	54,600	307			286,600	641
-CHANNEL CATFISH			214,200	576	181,240	2,660	395,440	3,236
(TRANSFERS)			(65,000)	(140)	(28,100)	(400)	(93,100)	(540)
-WHITE X STRIPED BASS	600,000	6					600,000	6
(TRANSFERS)	(600,000)	(6)					(600,000)	(6)
-STRIPED BASS (ANAD)	7,520,000	76	858,574	1,826			8,378,574	1,902
(TRANSFERS)	(6,700,000)	(67)					(6,700,000)	(67)
-STURGEON	32,000	27	6,000	7	116	583	38,116	617
TOTAL HATCHERY SHIPMENTS	8,384,000	443	1,667,174	3,277	181,356	3,243	10,232,530	6,963
TOTAL TRANSFERS	(7,300,000)	(73)	(65,000)	(140)	(28,100)	(400)	(7,393,100)	(613)
HATCHERY DISTRIBUTION	1,084,000	370	1,602,174	3,137	153,256	2,843	2,839,430	6,350
PT.JOHN ALLEN NFH,MS								
-LARGEMOUTH BASS			204,549	174			204,549	174
-BLUEGILL			1,032,874	1,297			1,032,874	1,297
-REDEAR SUNFISH			344,291	432			344,291	432
-BLUE CATFISH	100,000	10	285,508	2,314			385,508	2,324
-CHANNEL CATFISH	30,000	3	128,632	1,897	11,000	734	169,632	2,634
-WHITE X STRIPED BASS			225,000	225			225,000	225
TOTAL HATCHERY SHIPMENTS	130,000	13	2,220,854	6,339	11,000	734	2,361,854	7,086
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	130,000	13	2,220,854	6,339	11,000	734	2,361,854	7,086
WALHALLA NFH, SC								
-RAINBOW TROUT			10,943	353	277,428	64,244	288,371	64,597
-BROWN TROUT			85,641	1,134	142,963	29,383	228,604	30,517
-BROOK TROUT					59,171	8,526	59,171	8,526
TOTAL HATCHERY SHIPMENTS			96,584	1,487	479,562	102,153	576,146	103,640
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			96,584	1,487	479,562	102,153	576,146	103,640

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 4 * cont *								
WARM SPRINGS NFH, GA								
-LARGEMOUTH BASS			34,509	48	139	166	34,648	214
(TRANSFERS)					(139)	(166)	(139)	(166)
-BLUEGILL			357,781	397	300	74	358,081	471
(TRANSFERS)					(300)	(74)	(300)	(74)
-REDEAR SUNFISH			87,161	201			87,161	201
(TRANSFERS)			(19)	(3)			(19)	(3)
-CHANNEL CATFISH			65,922	774			65,922	774
-STRIPED BASS (ANAD)			49,325	3,227			49,325	3,227
TOTAL HATCHERY SHIPMENTS			594,698	4,647	439	240	595,137	4,887
TOTAL TRANSFERS			(19)	(3)	(439)	(240)	(458)	(243)
HATCHERY DISTRIBUTION			594,679	4,644			594,679	4,644
WELAKA NFH, FL								
-LARGEMOUTH BASS			821,846	833	600	200	822,446	1,033
(TRANSFERS)			(219,900)	(140)			(219,900)	(140)
-BLUEGILL			1,116,693	1,960			1,116,693	1,960
-REDEAR SUNFISH			489,898	868			489,898	868
-CHANNEL CATFISH			173,330	3,060	1,470	3,365	174,800	6,425
(TRANSFERS)					(270)	(1,890)	(270)	(1,890)
-WHITE X STRIPED BASS			1,464,040	1,393			1,464,040	1,393
-STRIPED BASS(INLAND)			53,820	52			53,820	52
-STRIPED BASS (ANAD)			789,419	2,184			789,419	2,184
(TRANSFERS)			(229,519)	(604)			(229,519)	(604)
TOTAL HATCHERY SHIPMENTS			4,909,046	10,350	2,070	3,565	4,911,116	13,915
TOTAL TRANSFERS			(449,419)	(744)	(270)	(1,890)	(449,689)	(2,634)
HATCHERY DISTRIBUTION			4,459,627	9,606	1,800	1,675	4,461,427	11,281
WOLF CREEK NFH, KY								
-RAINBOW TROUT			259,711	18,433	549,884	176,891	809,595	195,324
TOTAL HATCHERY SHIPMENTS			259,711	18,433	549,884	176,891	809,595	195,324
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			259,711	18,433	549,884	176,891	809,595	195,324
REGIONAL SHIPMENTS	9,182,850	523	29,163,453	128,213	5,119,939	1,438,047	43,466,242	1,566,783
REGIONAL TRANSFERS	(7,728,850)	(116)	(2,741,508)	(7,314)	(29,808)	(2,815)	(10,500,166)	(10,245)
REGIONAL DISTRIBUTION	1,454,000	407	26,421,945	120,899	5,090,131	1,435,232	32,966,076	1,556,538

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 5								
ALLEGHENY NFH, PA								
-RAINBOW TROUT			25,200	63	64,872	22,378	90,072	22,441
-LAKE TROUT	5,000	1	1,138,460	106,781	1,441	3,614	1,144,901	110,396
TOTAL HATCHERY SHIPMENTS	5,000	1	1,163,660	106,844	66,313	25,992	1,234,973	132,837
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	5,000	1	1,163,660	106,844	66,313	25,992	1,234,973	132,837
BOWDEN NFH, WV								
-RAINBOW TROUT					252,095	123,719	252,095	123,719
-BROWN TROUT					46,125	14,265	46,125	14,265
-BROOK TROUT					81,867	37,683	81,867	37,683
TOTAL HATCHERY SHIPMENTS					380,087	175,667	380,087	175,667
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION					380,087	175,667	380,087	175,667
CRAIG BROOK NFH, ME								
-LANDLOCKED ATL SAL			175	58			175	58
-ATLANTIC SALMON	200,350	86	171,730	27,704			372,080	27,790
(TRANSFERS)			(120)	(11)			(120)	(11)
TOTAL HATCHERY SHIPMENTS	200,350	86	171,905	27,762			372,255	27,848
TOTAL TRANSFERS			(120)	(11)			(120)	(11)
HATCHERY DISTRIBUTION	200,350	86	171,785	27,751			372,135	27,837
GREEN LAKE NFH, ME								
-BROOK TROUT					3,600	973	3,600	973
-LANDLOCKED ATL SAL			30	1	1,307	278	1,337	279
-ATLANTIC SALMON	271,953	130	700,598	88,868			972,551	88,998
(TRANSFERS)			(2,983)	(1,848)			(2,983)	(1,848)
TOTAL HATCHERY SHIPMENTS	271,953	130	700,628	88,869	4,907	1,251	977,488	90,250
TOTAL TRANSFERS			(2,983)	(1,848)			(2,983)	(1,848)
HATCHERY DISTRIBUTION	271,953	130	697,645	87,021	4,907	1,251	974,505	88,402
HARRISON LAKE NFH,VA								
-LARGEMOUTH BASS			38,395	528	70	140	38,465	668
-CHANNEL CATFISH	67,700	15	64,900	2,076	23	184	132,623	2,275
-GOLDFISH					12	24	12	24
-WHITE X STRIPED BASS			7,800	191			7,800	191
-STRIPED BASS(INLAND)			25,655	1,262			25,655	1,262
-STRIPED BASS (ANAD)			13,540	129			13,540	129
(TRANSFERS)			(10,000)	(34)			(10,000)	(34)
TOTAL HATCHERY SHIPMENTS	67,700	15	150,290	4,186	105	348	218,095	4,549
TOTAL TRANSFERS			(10,000)	(34)			(10,000)	(34)
HATCHERY DISTRIBUTION	67,700	15	140,290	4,152	105	348	208,095	4,515

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 5 * cont *								
LAMAR NFH, PA								
-RAINBOW TROUT					81,760	36,178	81,760	36,178
-BROOK TROUT			5,000	694	103,510	48,039	108,510	48,733
TOTAL HATCHERY SHIPMENTS			5,000	694	185,270	84,217	190,270	84,911
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			5,000	694	185,270	84,217	190,270	84,911
NASHUA NFH, NH								
-ATLANTIC SALMON			154,588	46,846			154,588	46,846
(TRANSFERS)			(1,300)	(37)			(1,300)	(37)
TOTAL HATCHERY SHIPMENTS			154,588	46,846			154,588	46,846
TOTAL TRANSFERS			(1,300)	(37)			(1,300)	(37)
HATCHERY DISTRIBUTION			153,288	46,809			153,288	46,809
NTH ATTLEBORO NFH,MA								
-BROWN TROUT					2,145	3,990	2,145	3,990
-BROOK TROUT					2,125	2,988	2,125	2,988
-LANDLOCKED ATL SAL					400	1,804	400	1,804
-STRIPED BASS (ANAD)			20,950	252			20,950	252
-ATLANTIC SALMON	28,875	31	24,600	703			53,475	734
TOTAL HATCHERY SHIPMENTS	28,875	31	45,550	955	4,670	8,782	79,095	9,768
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	28,875	31	45,550	955	4,670	8,782	79,095	9,768
PITTSFORD NFH, VT								
-LAKE TROUT			143,013	6,688			143,013	6,688
-LANDLOCKED ATL SAL			181,932	10,690			181,932	10,690
TOTAL HATCHERY SHIPMENTS			324,945	17,378			324,945	17,378
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			324,945	17,378			324,945	17,378
WHITE RIVER NFH, VT								
-ATLANTIC SALMON	273,032	6,920	277,178	28,456			550,210	35,376
TOTAL HATCHERY SHIPMENTS	273,032	6,920	277,178	28,456			550,210	35,376
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	273,032	6,920	277,178	28,456			550,210	35,376
WT SULPUR SPR NFH,WV								
-RAINBOW TROUT	60,000	40	4,911	64	93,794	40,519	158,705	40,623
(TRANSFERS)			(60)	(1)	(77,556)	(10,403)	(77,616)	(10,404)

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 5 * cont *								
WT SULPUR SPR NFH,WV * cont *								
-BROWN TROUT			22,570	169	20,520	4,222	43,090	4,391
(TRANSFERS)			(60)	(1)	(125)	(41)	(185)	(42)
-BROOK TROUT	10,060	6	176,295	2,290	4,351	3,525	190,706	5,821
(TRANSFERS)	(60)	(1)	(51,560)	(1,480)	(135)	(47)	(51,755)	(1,528)
TOTAL HATCHERY SHIPMENTS	70,060	46	203,776	2,523	118,665	48,266	392,501	50,835
TOTAL TRANSFERS	(60)	(1)	(51,680)	(1,482)	(77,816)	(10,491)	(129,556)	(11,974)
HATCHERY DISTRIBUTION	70,000	45	152,096	1,041	40,849	37,775	262,945	38,861
REGIONAL SHIPMENTS	916,970	7,229	3,197,520	324,513	760,017	344,523	4,874,507	676,265
REGIONAL TRANSFERS	(60)	(1)	(66,083)	(3,412)	(77,816)	(10,491)	(143,959)	(13,904)
REGIONAL DISTRIBUTION	916,910	7,228	3,131,437	321,101	682,201	334,032	4,730,548	662,361
REGION 6								
BOZEMAN FTC								
-RAINBOW TROUT					6,800	3,107	6,800	3,107
-CUTTHROAT TROUT					6,178	3,255	6,178	3,255
-LAKE TROUT			7,400	456			7,400	456
-SPRING CHINOOK SAL			4,166	247			4,166	247
TOTAL HATCHERY SHIPMENTS			11,566	703	12,978	6,362	24,544	7,065
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			11,566	703	12,978	6,362	24,544	7,065
CRESTON NFH, MT								
-RAINBOW TROUT	64,719	106	221,404	6,139	478,314	67,487	764,437	73,732
-CUTTHROAT TROUT			224,901	4,073	5,159	3,060	230,060	7,133
-BROWN TROUT			23,498	644			23,498	644
-BROOK TROUT			205,324	1,158			205,324	1,158
TOTAL HATCHERY SHIPMENTS	64,719	106	675,127	12,014	483,473	70,547	1,223,319	82,667
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	64,719	106	675,127	12,014	483,473	70,547	1,223,319	82,667
ENNIS NFH, MT								
-RAINBOW TROUT			5,159	32	10,419	38,474	15,578	38,506
TOTAL HATCHERY SHIPMENTS			5,159	32	10,419	38,474	15,578	38,506
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			5,159	32	10,419	38,474	15,578	38,506

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 6 * cont *								
GARRISON DAM NFH, ND								
-PADDLEFISH	335,000	7	15,834	273	10,727	351	361,561	631
(TRANSFERS)	(185,000)	(3)					(185,000)	(3)
-WALLEYE	14,895,000	122	1,805,682	976			16,700,682	1,098
(TRANSFERS)	(1,775,000)	(18)					(1,775,000)	(18)
-SAUGER			32,175	68	44	66	32,219	134
(TRANSFERS)					(44)	(66)	(44)	(66)
-NORTHERN PIKE			1,850,624	2,063			1,850,624	2,063
-RAINBOW TROUT			353,568	8,966			353,568	8,966
-STEELHEAD TROUT			55,200	928	9,825	1,520	65,025	2,448
-FALL CHINOOK SALMON	237,400	126	1,020,784	12,224			1,258,184	12,350
-WALLEYE			73,882	41			73,882	41
TOTAL HATCHERY SHIPMENTS	15,467,400	255	5,207,749	25,539	20,596	1,937	20,695,745	27,731
TOTAL TRANSFERS	(1,960,000)	(21)			(44)	(66)	(1,960,044)	(87)
HATCHERY DISTRIBUTION	13,507,400	234	5,207,749	25,539	20,552	1,871	18,735,701	27,644
Gavins Point NFH, SD								
-LARGEMOUTH BASS	95,541	93	61,000	203	160	100	156,701	396
-SMALLMOUTH BASS	468,245	547	25,000	56			493,245	603
-BLUEGILL	2,196,700	672					2,196,700	672
-CHANNEL CATFISH			496,740	3,862		/	496,740	3,862
-PADDLEFISH			24,400	273			24,400	273
-WALLEYE	18,969,700	1,651					18,969,700	1,651
-NORTHERN PIKE	1,000,000	51	92,500	247			1,092,500	298
-RAINBOW TROUT			10,000	625	15,100	3,208	25,100	3,833
-CUTTHROAT TROUT			23,000	930			23,000	930
-FALL CHINOOK SALMON			394,400	4,040			394,400	4,040
TOTAL HATCHERY SHIPMENTS	22,730,186	3,014	1,127,040	10,236	15,260	3,308	23,872,486	16,558
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	22,730,186	3,014	1,127,040	10,236	15,260	3,308	23,872,486	16,558
HOTCHKISS NFH								
-RAINBOW TROUT			1,151,064	74,870	261,827	38,147	1,412,891	113,017
(TRANSFERS)			(207,799)	(4,716)			(207,799)	(4,716)
-KOKANEE			266,162	1,159			266,162	1,159
-RAINBOW TROUT			60,350	142			60,350	142
TOTAL HATCHERY SHIPMENTS			1,477,576	76,171	261,827	38,147	1,739,403	114,318
TOTAL TRANSFERS			(207,799)	(4,716)			(207,799)	(4,716)
HATCHERY DISTRIBUTION			1,269,777	71,455	261,827	38,147	1,531,604	109,602
JACKSON NFH, WY								
-CUTTHROAT TROUT			747,291	7,522	340,969	68,622	1,088,260	76,144
(TRANSFERS)			(305,222)	(3,022)			(305,222)	(3,022)

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 6 * cont *								
JACKSON NFH, WY * cont *								
-LAKE TROUT					76,624	15,956	76,624	15,956
TOTAL HATCHERY SHIPMENTS			747,291	7,522	417,593	84,578	1,164,884	92,100
TOTAL TRANSFERS			(305,222)	(3,022)			(305,222)	(3,022)
HATCHERY DISTRIBUTION			442,069	4,500	417,593	84,578	859,662	89,078
JONES HOLE NFH, UT								
-RAINBOW TROUT			1,409,217	57,584	555,704	134,608	1,964,921	192,192
-CUTTHROAT TROUT			198,685	13,001	19,454	5,877	218,139	18,878
(TRANSFERS)					(300)	(250)	(300)	(250)
-BROOK TROUT			46,575	2,435			46,575	2,435
(TRANSFERS)			(13,392)	(372)			(13,392)	(372)
TOTAL HATCHERY SHIPMENTS			1,654,477	73,020	575,158	140,485	2,229,635	213,505
TOTAL TRANSFERS			(13,392)	(372)	(300)	(250)	(13,692)	(622)
HATCHERY DISTRIBUTION			1,641,085	72,648	574,858	140,235	2,215,943	212,883
LEADVILLE NFH, CO								
-RAINBOW TROUT			1,000	1	270,996	55,112	271,996	55,113
-CUTTHROAT TROUT	15,200	18	15,600	17	193,686	46,312	224,486	46,347
-BROOK TROUT			6,800	190			6,800	190
-KOKANEE	513,831	221					513,831	221
TOTAL HATCHERY SHIPMENTS	529,031	239	23,400	208	464,682	101,424	1,017,113	101,871
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION	529,031	239	23,400	208	464,682	101,424	1,017,113	101,871
SARATOGA NFH, WY								
-RAINBOW TROUT			136,259	4,718	1,306	1,024	137,565	5,742
-CUTTHROAT TROUT			200,186	7,644	17,168	4,703	217,354	12,347
-BROWN TROUT			21,000	470	600	550	21,600	1,020
-BROOK TROUT			34,370	1,323	626	840	34,996	2,163
-LAKE TROUT			15,800	394			15,800	394
TOTAL HATCHERY SHIPMENTS			407,615	14,549	19,700	7,117	427,315	21,666
TOTAL TRANSFERS								
HATCHERY DISTRIBUTION			407,615	14,549	19,700	7,117	427,315	21,666
VALLEY CITY NFH, ND								
-SMALLMOUTH BASS			103,300	231			103,300	231
-BLACK CRAPPIE			208,800	174	97	97	208,897	271
-BLUEGILL	2,000	2	367,000	230	356	233	369,356	465
-CHANNEL CATFISH			75,000	375			75,000	375

FISH SHIPMENTS BY REGION AND NATIONAL FISH HATCHERY

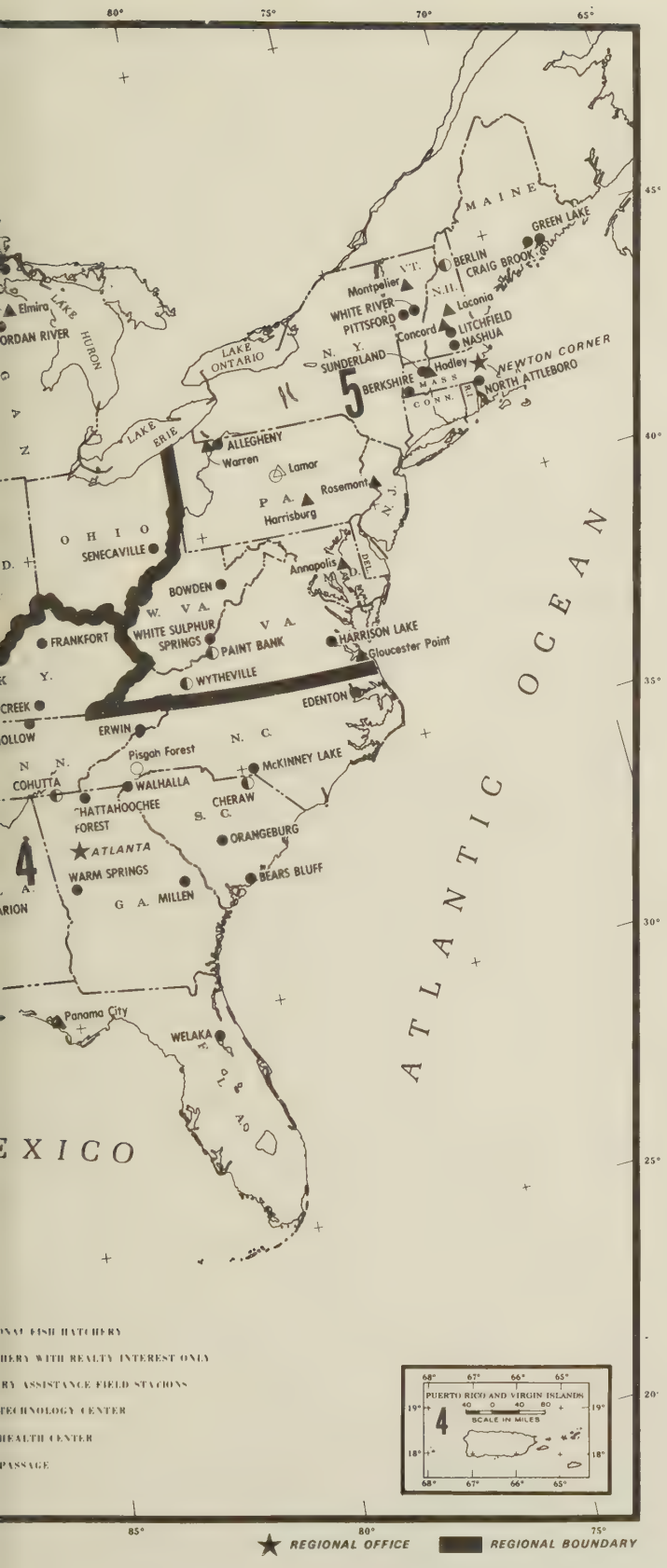
REGION AND NATIONAL FISH HATCHERY	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
REGION 6 * cont *								
VALLEY CITY NFH, ND * cont *								
-WALLEYE	5,756,000	115	1,211,000	818			6,967,000	933
-NORTHERN PIKE	8,527,000	453	857,950	711			9,384,950	1,164
-MUSKELLUNGE	100,000	360	600	24			100,600	384
(TRANSFERS)	(100,000)	(360)					(100,000)	(360)
-OTHER PIKE			30,985	390			30,985	390
TOTAL HATCHERY SHIPMENTS	14,385,000	930	2,854,635	2,953	453	330	17,240,088	4,213
TOTAL TRANSFERS	(100,000)	(360)					(100,000)	(360)
HATCHERY DISTRIBUTION	14,285,000	570	2,854,635	2,953	453	330	17,140,088	3,853
REGIONAL SHIPMENTS	53,176,336	4,544	14,191,635	222,947	2,282,139	492,709	69,650,110	720,200
REGIONAL TRANSFERS	(2,060,000)	(381)	(526,413)	(8,110)	(344)	(316)	(2,586,757)	(8,807)
REGIONAL DISTRIBUTION	51,116,336	4,163	13,665,222	214,837	2,281,795	492,393	67,063,353	711,393
TOTAL FWS SHIPMENTS	96,561,147	21,328	144,979,565	3,087,034	11,302,483	3,060,631	252,843,195	6,168,993
TOTAL FWS TRANSFERS	(10,488,910)	(548)	(10,713,922)	(59,735)	(121,565)	(22,416)	(21,324,397)	(82,699)
TOTAL FWS DISTRIBUTION	86,072,237	20,780	134,265,643	3,027,299	11,180,918	3,038,215	231,518,798	6,086,294

NATIONAL FISH HATCHERIES & FISHERY ASSISTANCE STATIONS

COMPILED IN THE DIVISION OF REALTY

WASHINGTON, D.C. SEPTEMBER 30, 1985

SCALE IN MILES



U.S. FISH AND WILDLIFE SERVICE

REGIONAL OFFICES

REGION 1

LLOYD 500 BUILDING, SUITE 1692
500 N.E. MULTNOMAH STREET
PORTLAND, OREGON 97232

REGION 2

U.S. COURTHOUSE & FEDERAL BUILDING
500 GOLD STREET, S.W.
(P.O. Box 1306)
ALBUQUERQUE, NEW MEXICO 87103

REGION 3

FEDERAL BUILDING
FORT SNELLING
TWIN CITIES, MINNESOTA 55111

REGION 4

RICHARD B. RUSSELL FEDERAL BUILDING
75 SPRING STREET, SW
ATLANTA, GEORGIA 30303

REGION 5

ONE GATEWAY CENTER, SUITE 700
NEWTON CORNER, MASSACHUSETTS 02158

REGION 6

DENVER FEDERAL CENTER
P.O. BOX 25486
DENVER, COLORADO 80225

REGION 7

1011 E. TUDOR ROAD
ANCHORAGE, ALASKA 99503

T A B L E 3

FISH DISTRIBUTION BY MAJOR GROUP AND SPECIES

TOTAL NUMBER AND POUNDS OF FISH DISTRIBUTED BY THE NATIONAL FISH HATCHERY SYSTEM BY SPECIES GROUPED TOGETHER IN THEIR COMMON HABITAT.

FISH DISTRIBUTION BY MAJOR GROUP AND SPECIES

MAJOR GROUP AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
COLDWATER (ANADROMOUS)								
-STEELHEAD TROUT	635,225	277	5,184,501	698,146	17,471	116,210	5,837,197	814,633
-CHUM SALMON	1,688,709	3,836	5,194,944	22,489			6,883,653	26,325
-COHO SALMON	860,132	3,366	4,137,102	186,715			4,997,234	190,081
-FALL CHINOOK SALMON	1,270,173	1,101	43,456,344	310,435			44,726,517	311,536
-SPRING CHINOOK SAL	7,567	4	13,038,066	717,051			13,045,633	717,055
-UP RIVER BRIGHT FCS			2,536,563	33,595			2,536,563	33,595
-ATLANTIC SALMON	774,210	7,167	1,324,291	190,681			2,098,501	197,848
TOTAL	5,236,016	15,751	74,871,811	2,159,112	17,471	116,210	80,125,298	2,291,073
COLDWATER (NON-ANADROMOUS)								
-RAINBOW TROUT	124,719	146	6,482,102	242,438	8,698,879	2,368,175	15,305,700	2,610,759
-CUTTHROAT TROUT	15,200	18	2,810,822	76,721	1,275,287	229,652	4,101,309	306,391
-BROWN TROUT			152,649	2,416	266,867	65,281	419,516	67,697
-BROOK TROUT	10,000	5	1,118,332	21,444	255,115	102,527	1,383,447	123,976
-LAKE TROUT	5,000	1	8,027,473	378,741	79,987	37,174	8,112,460	415,916
-LANDLOCKED ATL SAL			182,137	10,749	1,707	2,082	183,844	12,831
-KOKANEE	513,831	221	266,162	1,159			779,993	1,380
TOTAL	668,750	391	19,039,677	733,668	10,577,842	2,804,891 /	30,286,269	3,538,950
COOLWATER								
-YELLOW PERCH					265	82	265	82
-WALLEYE	53,293,200	2,004	4,776,587	3,454	3,506	362	58,073,293	5,820
-SAUGER	250,000	1	32,175	68	16	24	282,191	93
-NORTHERN PIKE	18,171,000	750	2,801,184	3,031	350	270	20,972,534	4,051
-MUSKELLUNGE	5,000	1	600	24			5,600	25
-OTHER PIKE			30,985	390			30,985	390
-BONYTAIL CHUB			10	1			10	1
-CHIHUAHUA CHUB	13	1					13	1
-COLORADO SQUAWFISH			116,795	360	301	265	117,096	625
-YAQUI CHUB			5	1			5	1
-RAZORBACK SUCKER	2,657,072	30	632,111	3,279	1,868	241	3,291,051	3,550
-WALLEYE X SAUGER			359,100	410			359,100	410
TOTAL	74,376,285	2,787	8,749,552	11,018	6,306	1,244	83,132,143	15,049
WARMWATER (COASTAL)								
-STRIPED BASS (ANAD)	820,000	9	3,323,332	27,700			4,143,332	27,709
-STURGEON	32,000	27	6,000	7	116	583	38,116	617
TOTAL	852,000	36	3,329,332	27,707	116	583	4,181,448	28,326

FISH DISTRIBUTION BY MAJOR GROUP AND SPECIES

MAJOR GROUP AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
WARMWATER (INLAND)								
-LARGEMOUTH BASS	95,541	93	4,750,593	9,343	10,262	1,893	4,856,396	11,329
-SMALLMOUTH BASS	688,245	569	418,846	646	27,109	1,138	1,134,200	2,353
-BLACK CRAPPIE			208,800	174	1,117	437	209,917	611
-OTHER BASS					50	23	50	23
-BLUEGILL	2,198,700	674	10,431,789	14,656	1,661	556	12,632,150	15,886
-REDEAR SUNFISH			3,407,032	4,093	19	3	3,407,051	4,096
-OTHER SUNFISH			453,800	481			453,800	481
-DESERT PUPFISH			1,000	2			1,000	2
-GILA TOPMINNOW			10,000	20			10,000	20
-RIO GRANDE CHUB			27	3			27	3
-OTHER SUCKERS	50,000	2					50,000	2
-BLUE CATFISH	332,000	344	549,993	8,162	23	140	882,016	8,646
-CHANNEL CATFISH	1,424,700	129	3,752,732	50,363	516,928	105,875	5,694,360	156,367
-FLATHEAD CATFISH			20,200	275			20,200	275
-BLACK BULLHEAD			5,850	14			5,850	14
-FATHEAD MINNOW			43,000	54			43,000	54
-CARP					161	453	161	453
-GARS					106	184	106	184
-PADDLEFISH	150,000	4	40,234	546	10,727	351	200,961	901
-BOWFIN					968	4,000	968	4,000
-GOLDFISH			136,350	1,596	52	34	136,402	1,630
-WHITE X STRIPED BASS			3,118,213	3,218			3,118,213	3,218
-STRIPED BASS(INLAND)			926,812	2,148			926,812	2,148
-OTHER WARM WATER					10,000	200	10,000	200
TOTAL	4,939,186	1,815	28,275,271	95,794	579,183	115,287	33,793,640	212,896
TOTAL DISTRIBUTION	86,072,237	20,780	134,265,643	3,027,299	11,180,918	3,038,215	231,518,798	6,086,294

T A B L E 4

FISH DISTRIBUTION B Y MAJOR PROGRAM AND SPECIES

- TOTAL NUMBER AND POUNDS OF FISH DISTRIBUTED BY SPECIES AND BY MAJOR FISHERIES' ACTIVITIES FULFILLING FEDERAL RESPONSIBILITIES -

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THE RESTORATION RESPONSIBILITY ADDRESSES DEPLETED, INTERJURISDICTIONAL RESOURCES IDENTIFIED AS:

PACIFIC ANADROMOUS;
GREAT LAKES LAKE TROUT AND OTHER SPECIES;
ATLANTIC ANADROMOUS; AND
ANADROMOUS NON-SALMONID ATLANTIC AND GULF OF MEXICO (COASTAL) FISHES.

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OTHER ACTIVITIES REPRESENTED BY THIS TABLE ADDRESS THE THREE REMAINING FEDERAL RESPONSIBILITIES: MITIGATION, FEDERAL LANDS; AND FEDERAL LEADERSHIP.

FISH DISTRIBUTION BY PROGRAM AND SPECIES

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
ATLANTIC ANADROMOUS (COLDWATER)								
CONNECTICUT RIVER -ATLANTIC SALMON	273,032	6,920	324,228	32,056			597,260	38,976
MERRIMACK RIVER -ATLANTIC SALMON	28,875	31	105,694	43,107			134,569	43,138
PENOBSCOT AND OTHER MAINE RIVERS -ATLANTIC SALMON	472,203	215	868,241	114,601			1,340,444	114,816
PAWCATUCK RIVER -ATLANTIC SALMON			24,600	703			24,600	703
TOTAL DISTRIBUTION	774,110	7,166	1,322,763	190,467			2,096,873	197,633
ATLANTIC/GULF COASTAL (WARMWATER)								
NORTH ATLANTIC -STRIPED BASS (ANAD)			20,950	252			20,950	252
MID ATLANTIC -STRIPED BASS (ANAD)			220,000	147			220,000	147
SOUTH ATLANTIC -STRIPED BASS (ANAD)	600,000	6	1,707,326	23,718			2,307,326	23,724
GULF -STRIPED BASS (ANAD)			1,341,862	1,884			1,341,862	1,884
TOTAL DISTRIBUTION	600,000	6	3,290,138	26,001			3,890,138	26,007

FISH DISTRIBUTION BY PROGRAM AND SPECIES

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
ENDANGERED SPECIES								
ANADROMOUS/COASTAL								
-STURGEON	32,000	27	6,000	7	116	583	38,116	617
INLAND COLDWATER								
-CUTTHROAT TROUT			1,303,612	9,013	578,147	83,123	1,881,759	92,136
INLAND COOLWATER								
-BONYTAIL CHUB			10	1			10	1
-CHIHUAHUA CHUB	13	1					13	1
-COLORADO SQUAWFISH			116,795	360	301	265	117,096	625
-YAQUI CHUB			5	1			5	1
INLAND WARMWATER								
-DESERT PUPFISH			1,000	2			1,000	2
-GILA TOPMINNOW			10,000	20			10,000	20
-RIO GRANDE CHUB			27	3			27	3
TOTAL DISTRIBUTION	32,013	28	1,437,449	9,407	578,564	83,971	2,048,026	93,406
GREAT LAKES								
LAKE ERIE								
-LAKE TROUT			154,000	12,574	112	1,120	154,112	13,694
LAKE HURON								
-LAKE TROUT			1,137,738	49,740			1,137,738	49,740
LAKE MICHIGAN								
-LAKE TROUT			3,006,760	125,077			3,006,760	125,077
LAKE ONTARIO								
-LAKE TROUT			984,300	94,195			984,300	94,195
LAKE SUPERIOR								
-LAKE TROUT			2,203,436	83,269			2,203,436	83,269
COOPERATIVE STATE REARING								
-LAKE TROUT			298,190	2,755	200	2,240	298,390	4,995
TOTAL DISTRIBUTION			7,784,424	367,610	312	3,360	7,784,736	370,970

FISH DISTRIBUTION BY PROGRAM AND SPECIES

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
INLAND COLDWATER								
FEDERAL (MILITARY)								
-RAINBOW TROUT			16,234	1,522	162,471	61,640	178,705	63,162
-CUTTHROAT TROUT					113,634	27,798	113,634	27,798
-BROOK TROUT			14,800	1,075	38,800	17,225	53,600	18,300
-STEELHEAD TROUT					530	90	530	90
FEDERAL (NON-MILITARY)								
-RAINBOW TROUT	64,719	106	2,014,496	35,568	3,944,509	1,174,296	6,023,724	1,209,970
-CUTTHROAT TROUT	15,200	18	279,440	5,008	53,788	19,619	348,428	24,645
-BROWN TROUT			94,491	1,190	188,471	46,275	282,962	47,465
-BROOK TROUT			67,017	1,565	186,952	75,788	253,969	77,353
-LAKE TROUT			150,313	6,714	2,040	1,275	152,353	7,989
-LANDLOCKED ATL SAL			181,932	10,690			181,932	10,690
-STEELHEAD TROUT					9,295	1,430	9,295	1,430
-FALL CHINOOK SALMON			198,560	653			198,560	653
FEDERAL RESERVOIR								
-RAINBOW TROUT			2,441,795	132,722	2,826,531	684,799	5,268,326	817,521
-CUTTHROAT TROUT			713,365	21,811	456,683	79,962	1,170,048	101,773
-BROWN TROUT					600	550	600	550
-BROOK TROUT			19,600	1,058	10,826	5,236	30,426	6,294
-LAKE TROUT			76,676	3,581	74,584	14,681	151,260	18,262
-KOKANEE	513,831	221	266,162	1,159			779,993	1,380
-STEELHEAD TROUT			47,700	500			47,700	500
-FALL CHINOOK SALMON	237,400	126	1,216,624	15,611			1,454,024	15,737
INDIAN RESERVATIONS								
-RAINBOW TROUT			1,079,283	49,138	1,319,504	271,529	2,398,787	320,667
-CUTTHROAT TROUT			425,543	36,697	72,915	19,133	498,458	55,830
-BROWN TROUT			44,498	1,114			44,498	1,114
-BROOK TROUT			844,075	15,809			844,075	15,809
-LAKE TROUT			7,400	456	368	2,466	7,768	2,922
-STEELHEAD TROUT			7,500	428			7,500	428
PRIVATE WATERS								
-CUTTHROAT TROUT			200	1			200	1

FISH DISTRIBUTION BY PROGRAM AND SPECIES

PROGRAM AND SPECIES	FRY NUMBER	FRY POUNDS	FINGERLING NUMBER	FINGERLING POUNDS	ADULT NUMBER	ADULT POUNDS	TOTAL NUMBER	TOTAL POUNDS
INLAND COLDWATER * cont *								
STATE WATERS								
-RAINBOW TROUT	60,000	40	922,518	23,394	432,031	171,485	1,414,549	194,919
-CUTTHROAT TROUT			88,662	4,191			88,662	4,191
-BROWN TROUT			13,660	112	77,656	18,316	91,316	18,428
-BROOK TROUT			160,840	1,637	18,445	4,188	179,285	5,825
-LAKE TROUT			8,500	368	1,492	11,797	9,992	12,165
-LANDLOCKED ATL SAL			175	58	1,292	275	1,467	333
-SPRING CHINOOK SAL			4,166	247			4,166	247
TOTAL DISTRIBUTION	891,150	511	11,406,225	374,077	9,993,417	2,709,853	22,290,792	3,084,441
INLAND COOLWATER								
FEDERAL (MILITARY)								
-WALLEYE	20,000	16					20,000	16
FEDERAL (NON-MILITARY)								
-WALLEYE	7,175,000	412	1,239,520	705			8,414,520	1,117
-NORTHERN PIKE	4,100,000	181	722,200	783		/	4,822,200	964
-MUSKELLUNGE			600	24			600	24
-OTHER PIKE			12,000	36			12,000	36
FEDERAL RESERVOIR								
-WALLEYE	27,195,700	1,126	2,723,534	1,997			29,919,234	3,123
-SAUGER			32,175	68			32,175	68
-NORTHERN PIKE	6,827,000	289	2,028,874	2,187			8,855,874	2,476
-OTHER PIKE			18,985	354			18,985	354
-WALLEYE X SAUGER			359,100	410			359,100	410
INDIAN RESERVATIONS								
-WALLEYE	1,497,500	24	50,000	50			1,547,500	74
-NORTHERN PIKE	244,000	16	10,000	14			254,000	30
STATE WATERS								
-WALLEYE	14,375,000	321	753,533	692	3,500	350	15,132,033	1,363
-NORTHERN PIKE	7,000,000	264	40,000	37			7,040,000	301
-RAZORBACK SUCKER	2,657,072	30	632,111	3,279	1,868	241	3,291,051	3,550
TOTAL DISTRIBUTION	71,091,272	2,679	8,622,632	10,636	5,368	591	79,719,272	13,906

FISH DISTRIBUTION BY PROGRAM AND SPECIES

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
INLAND WARMWATER								
FEDERAL (MILITARY)								
-LARGEMOUTH BASS			32,655	505	170	228	32,825	733
-BLUEGILL			28,500	29			28,500	29
-REDEAR SUNFISH			12,500	13	19	3	12,519	16
-CHANNEL CATFISH			212,708	3,895	38,356	17,180	251,064	21,075
-GOLDFISH					12	24	12	24
-WHITE X STRIPED BASS			7,500	184			7,500	184
-STRIPED BASS(INLAND)			26,345	1,261			26,345	1,261
FEDERAL (NON-MILITARY)								
-LARGEMOUTH BASS	49,541	45	144,807	346	8,160	500	202,508	891
-SMALLMOUTH BASS	140,000	131	38,000	23			178,000	154
-BLUEGILL	512,000	280	654,250	823	261	178	1,166,511	1,281
-REDEAR SUNFISH			126,250	127			126,250	127
-BLUE CATFISH			4,220	131			4,220	131
-CHANNEL CATFISH			593,195	5,332	55,330	5,642	648,525	10,974
-FLATHEAD CATFISH			650	26			650	26
-PADDLEFISH	85,000	2					85,000	2
-WHITE X STRIPED BASS			1,491,940	1,449			1,491,940	1,449
FEDERAL RESERVOIR								
-LARGEMOUTH BASS	2,000	4	1,936,631	3,827	220	741	1,938,851	4,572
-SMALLMOUTH BASS	528,245	436	321,200	506			849,445	942
-BLACK CRAPPIE			208,800	174	1,020	340	209,820	514
-BLUEGILL	1,581,000	305	475,790	813			2,056,790	1,118
-REDEAR SUNFISH			51,000	37			51,000	37
-OTHER SUNFISH			85,800	66			85,800	66
-BLUE CATFISH			111,016	1,308			111,016	1,308
-CHANNEL CATFISH			1,245,680	19,572	21,202	5,994	1,266,882	25,566
-FLATHEAD CATFISH			18,200	195			18,200	195
-FATHEAD MINNOW			43,000	54			43,000	54
-PADDLEFISH			40,234	546	10,727	351	50,961	897
-WHITE X STRIPED BASS			895,613	1,028			895,613	1,028
-STRIPED BASS(INLAND)			900,367	885			900,367	885
INDIAN RESERVATIONS								
-LARGEMOUTH BASS	44,000	44	136,790	178			180,790	222
-BLACK CRAPPIE					97	97	97	97
-BLUEGILL	102,500	86	100,000	60	100	58	202,600	204
-CHANNEL CATFISH			20,400	101	163,402	54,806	183,802	54,907
-WHITE X STRIPED BASS			25,000	41			25,000	41
PRIVATE WATERS								
-LARGEMOUTH BASS			988,416	847	462	49	988,878	896
-BLUEGILL			5,865,509	6,549			5,865,509	6,549
-REDEAR SUNFISH			2,484,523	2,731			2,484,523	2,731
-CHANNEL CATFISH			958,921	11,758	11,731	1,240	970,652	12,998

FISH DISTRIBUTION BY PROGRAM AND SPECIES

PROGRAM AND SPECIES	FRY NUMBER	FRY POUNDS	FINGERLING NUMBER	FINGERLING POUNDS	ADULT NUMBER	ADULT POUNDS	TOTAL NUMBER	TOTAL POUNDS
INLAND WARMWATER * cont *								
STATE WATERS								
-LARGEMOUTH BASS			1,500,477	3,443	725	233	1,501,202	3,676
-SMALLMOUTH BASS	20,000	2	49,216	104	27,109	1,138	96,325	1,244
-BLUEGILL			3,189,415	6,203			3,189,415	6,203
-REDEAR SUNFISH			726,714	1,176			726,714	1,176
-OTHER SUNFISH			368,000	415			368,000	415
-BLUE CATFISH	332,000	344	434,757	6,723	23	140	766,780	7,207
-CHANNEL CATFISH	1,344,700	120	676,243	8,046	226,884	20,829	2,247,827	28,995
-FLATHEAD CATFISH			1,350	54			1,350	54
-PADDLEFISH	55,000	1					55,000	1
-BOWFIN					868	3,600	868	3,600
-GOLDFISH			136,050	1,546			136,050	1,546
-WHITE X STRIPED BASS			688,960	504			688,960	504
TOTAL DISTRIBUTION	4,795,986	1,800	28,057,592	93,634	566,878	113,371	33,420,456	208,805

FILE DOES NOT EXIST
PACIFIC ANADROMOUS

COASTAL/PUGET SOUND								
-STEELHEAD TROUT	635,225	277	834,534	33,003			1,469,759	33,280
-CHUM SALMON	1,688,709	3,836	5,194,944	22,489			6,883,653	26,325
-COHO SALMON	860,132	3,366	1,471,916	49,722			2,332,048	53,088
-FALL CHINOOK SALMON	48,000	114	397,625	9,769			445,625	9,883
-SPRING CHINOOK SAL			457,019	28,656			457,019	28,656
COLUMBIA RIVER BASIN								
-STEELHEAD TROUT			3,320,022	555,860	7,646	114,690	3,327,668	670,550
-COHO SALMON			2,662,836	136,875			2,662,836	136,875
-FALL CHINOOK SALMON			16,988,475	128,867			16,988,475	128,867
-SPRING CHINOOK SAL			12,570,591	687,824			12,570,591	687,824
-UP RIVER BRIGHT FCS			2,536,063	33,566			2,536,063	33,566
SACRAMENTO RIVER BASIN								
-STEELHEAD TROUT			969,043	108,318			969,043	108,318
-FALL CHINOOK SALMON	984,773	861	24,623,480	155,252			25,608,253	156,113
TOTAL DISTRIBUTION	4,216,839	8,454	72,026,548	1,950,201	7,646	114,690	76,251,033	2,073,345

FISH DISTRIBUTION BY PROGRAM AND SPECIES

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
RESEARCH								
FEDERAL								
-LARGEMOUTH BASS			10,817	197	525	142	11,342	339
-SMALLMOUTH BASS			10,130	12			10,130	12
-OTHER BASS					50	23	50	23
-BLUEGILL	3,200	3	110,225	168	1,300	320	114,725	491
-REDEAR SUNFISH			6,045	9			6,045	9
-OTHER SUCKERS	50,000	2					50,000	2
-CHANNEL CATFISH	80,000	9	45,335	1,657	23	184	125,358	1,850
-BLACK BULLHEAD			5,850	14			5,850	14
-CARP					161	453	161	453
-GARS					106	184	106	184
-PADDLEFISH	10,000	1					10,000	1
-BOWFIN					100	400	100	400
-GOLDFISH			300	50	40	10	340	60
-WHITE X STRIPED BASS			9,200	12			9,200	12
-STRIPED BASS(INLAND)			100	2			100	2
-OTHER WARM WATER					10,000	200	10,000	200
-YELLOW PERCH					265	82	265	82
-WALLEYE	3,030,000	105	10,000	10	6	12	3,040,006	127
-SAUGER	250,000	1			16	24	250,016	25
-NORTHERN PIKE			110	10	350	270	460	280
-MUSKELLUNGE	5,000	1					5,000	1
-RAINBOW TROUT			7,776	94	13,033	4,154	20,809	4,248
-CUTTHROAT TROUT					120	17	120	17
-BROWN TROUT					140	140	140	140
-BROOK TROUT	10,000	5	12,000	300	92	90	22,092	395
-LAKE TROUT	5,000	1	160	12	1,157	3,250	6,317	3,263
-LANDLOCKED ATL SAL			30	1	15	3	45	4
-STRIPED BASS (ANAD)	220,000	3	33,144	1,686			253,144	1,689
-STEELHEAD TROUT			5,702	37			5,702	37
-COHO SALMON			2,100	106			2,100	106
-FALL CHINOOK SALMON			31,580	283			31,580	283
-SPRING CHINOOK SAL	7,567	4	6,290	324			13,857	328
-UP RIVER BRIGHT FCS			500	29			500	29
-ATLANTIC SALMON	100	1	1,528	214			1,628	215
STATE								
-SMALLMOUTH BASS			300	1			300	1
-CHANNEL CATFISH			250	2			250	2
-RAINBOW TROUT					800	272	800	272
-LANDLOCKED ATL SAL					400	1,804	400	1,804
-STRIPED BASS (ANAD)			50	13			50	13
PRIVATE								
-BLUEGILL			8,100	11			8,100	11
-COHO SALMON			250	12			250	12

FISH DISTRIBUTION BY PROGRAM AND SPECIES

PROGRAM AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
RESEARCH * cont *								
FOREIGN								
-LAKE TROUT					34	345	34	345
TOTAL DISTRIBUTION	3,670,867	136	317,872	5,266	28,733	12,379	4,017,472	17,781
TOTAL FWS DISTRIBUTION	86,072,237	20,780	134,265,643	3,027,299	11,180,918	3,038,215	231,518,798	6,086,294

TABLE 5

FISH DISTRIBUTION BY STATE AND SPECIES

- TOTAL NUMBER AND POUNDS OF FISH DISTRIBUTED BY NATIONAL FISH HATCHERIES TO STATES -

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
ALABAMA								
-WHITE X STRIPED BASS			75,900	71			75,900	71
-STRIPED BASS(INLAND)			275,000	125			275,000	125
-WALLEYE	50,000	1	9,263	20			59,263	21
-RAINBOW TROUT					11,707	3,042	11,707	3,042
-STRIPED BASS (ANAD)	200,000	2	94	188			200,094	190
TOTAL	250,000	3	360,257	404	11,707	3,042	621,964	3,449
ARIZONA								
-LARGEMOUTH BASS			116,090	159			116,090	159
-DESERT PUPFISH			1,000	2			1,000	2
-GILA TOPMINNOW			10,000	20			10,000	20
-CHANNEL CATFISH					97,413	22,329	97,413	22,329
-COLORADO SQUAWFISH			116,689	358	301	265	116,990	623
-RAZORBACK SUCKER	2,657,072	30	632,111	3,279	1,868	241	3,291,051	3,550
-RAINBOW TROUT			1,186,252	32,566	884,649	187,501	2,070,901	220,067
-CUTTHROAT TROUT			166,229	12,708			166,229	12,708
-BROOK TROUT			145,450	4,723			145,450	4,723
TOTAL	2,657,072	30	2,373,821	53,815	984,231	210,336	6,015,124	264,181
ARKANSAS								
-LARGEMOUTH BASS			89,651	103	8,000	400	97,651	503
-SMALLMOUTH BASS	20,000	2			27,000	901	47,000	903
-BLUEGILL			282,878	339			282,878	339
-REDEAR SUNFISH			120,921	148			120,921	148
-BLUE CATFISH	100,000	10					100,000	10
-CHANNEL CATFISH	30,000	3	122,750	2,902	3,200	400	155,950	3,305
-WHITE X STRIPED BASS			109,000	55			109,000	55
-WALLEYE					3,500	350	3,500	350
-RAINBOW TROUT			457,008	2,056	1,685,479	550,291	2,142,487	552,347
-CUTTHROAT TROUT					60,781	1,531	60,781	1,531
-BROWN TROUT					54,639	12,912	54,639	12,912
TOTAL	150,000	15	1,182,208	5,603	1,842,599	566,785	3,174,807	572,403
CALIFORNIA								
-RAINBOW TROUT					66,100	14,910	66,100	14,910
-STEELHEAD TROUT			969,423	108,335			969,423	108,335
-FALL CHINOOK SALMON	984,773	861	24,655,060	155,535			25,639,833	156,396
TOTAL	984,773	861	25,624,483	263,870	66,100	14,910	26,675,356	279,641

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
COLORADO								
-LARGEMOUTH BASS	5,000	5					5,000	5
-CHANNEL CATFISH			283,335	4,775			283,335	4,775
-STRIPED BASS(INLAND)			100	2			100	2
-OTHER PIKE			9,885	140			9,885	140
-COLORADO SQUAWFISH			100	1			100	1
-RAINBOW TROUT			1,247,548	62,926	332,438	78,765	1,579,986	141,691
-CUTTHROAT TROUT	15,200	18	27,186	863	193,686	46,312	236,072	47,193
-BROOK TROUT			6,800	190			6,800	190
-LAKE TROUT			15,800	394			15,800	394
-KOKANEE	513,831	221	266,162	1,159			779,993	1,380
TOTAL	534,031	244	1,856,916	70,450	526,124	125,077	2,917,071	195,771
CONNECTICUT								
-STRIPED BASS (ANAD)			600	46			600	46
-ATLANTIC SALMON			117,154	12,148			117,154	12,148
TOTAL			117,754	12,194			117,754	12,194
DELAWARE								
-CHANNEL CATFISH			1,500	23			1,500	23
TOTAL			1,500	23			1,500	23
FLORIDA								
-LARGEMOUTH BASS			550,586	643	600	200	551,186	843
-BLUEGILL			804,514	1,551			804,514	1,551
-REDEAR SUNFISH			356,107	692			356,107	692
-CHANNEL CATFISH			107,483	1,743	1,200	1,475	108,683	3,218
-WHITE X STRIPED BASS			1,454,840	1,381			1,454,840	1,381
-STRIPED BASS (ANAD)			9,138	820			9,138	820
TOTAL			3,282,668	6,830	1,800	1,675	3,284,468	8,505
GEORGIA								
-LARGEMOUTH BASS			151,944	140			151,944	140
-BLUEGILL			1,451,170	1,727			1,451,170	1,727
-REDEAR SUNFISH			427,453	566			427,453	566
-CHANNEL CATFISH			428,132	5,583	28	252	428,160	5,835
-STRIPED BASS(INLAND)			74,220	61			74,220	61
-RAINBOW TROUT			299,657	9,272	735,302	172,472	1,034,959	181,744
-BROWN TROUT			75,071	983	15,369	2,440	90,440	3,423
-BROOK TROUT					32,640	2,400	32,640	2,400
-STRIPED BASS (ANAD)			120	20			120	20
TOTAL			2,907,767	18,352	783,339	177,564	3,691,106	195,916

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
IDAHO								
-RAINBOW TROUT			594,136	8,541	113,622	47,932	707,758	56,473
-CUTTHROAT TROUT			9,985	378	2,995	1,368	12,980	1,746
-STEELHEAD TROUT			2,971,454	532,113	7,646	114,690	2,979,100	646,803
-COHO SALMON			700	24			700	24
-SPRING CHINOOK SAL			1,494,315	70,527			1,494,315	70,527
TOTAL			5,070,590	611,583	124,263	163,990	5,194,853	775,573
ILLINOIS								
-LARGEMOUTH BASS			126,000	555			126,000	555
-CHANNEL CATFISH					10,750	716	10,750	716
-FLATHEAD CATFISH			18,200	195			18,200	195
-WHITE X STRIPED BASS			50,000	102			50,000	102
-WALLEYE			414,650	357			414,650	357
-RAINBOW TROUT					4,975	1,669	4,975	1,669
-LAKE TROUT			123,035	6,139			123,035	6,139
TOTAL			731,885	7,348	15,725	2,385	747,610	9,733
INDIANA								
-CHANNEL CATFISH					4,650	312	4,650	312
-LAKE TROUT			36,000	1,268			36,000	1,268
TOTAL			36,000	1,268	4,650	312	40,650	1,580
IOWA								
-LARGEMOUTH BASS			240,874	1,089	162	567	241,036	1,656
-BLUEGILL			200,000	80			200,000	80
-FATHEAD MINNOW			43,000	54			43,000	54
-WALLEYE	3,450,000	40	10,000	10			3,460,000	50
-NORTHERN PIKE	368,000	11					368,000	11
TOTAL	3,818,000	51	493,874	1,233	162	567	4,312,036	1,851
KANSAS								
-RAINBOW TROUT					6,060	1,930	6,060	1,930
TOTAL					6,060	1,930	6,060	1,930

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
KENTUCKY								
-LARGEMOUTH BASS			149,000	78	462	49	149,462	127
-SMALLMOUTH BASS	150,000	15					150,000	15
-BLUEGILL			1,054,400	2,556			1,054,400	2,556
-REDEAR SUNFISH			41,000	27			41,000	27
-CHANNEL CATFISH	20,000	2	50,100	397	13,981	1,465	84,081	1,864
-GOLDFISH			136,350	1,596			136,350	1,596
-WHITE X STRIPED BASS			89,100	112			89,100	112
-STRIPED BASS(INLAND)			840	6			840	6
-WALLEYE	2,500,000	14	50,000	33			2,550,000	47
-RAINBOW TROUT			85,516	7,079	549,884	176,891	635,400	183,970
-BROWN TROUT					15,000	2,673	15,000	2,673
-BROOK TROUT			1,575	45			1,575	45
TOTAL	2,670,000	31	1,657,881	11,929	579,327	181,078	4,907,208	193,038
LOUISIANA								
-LARGEMOUTH BASS			431,334	334	58	174	431,392	508
-BLUEGILL			2,142,690	3,746			2,142,690	3,746
-REDEAR SUNFISH			515,708	704			515,708	704
-BLUE CATFISH			264,893	6,145			264,893	6,145
-CHANNEL CATFISH			14,969	362			14,969	362
-FLATHEAD CATFISH			2,000	80			2,000	80
-WHITE X STRIPED BASS			650,618	372			650,618	372
-STRIPED BASS (ANAD)			757,878	584			757,878	584
TOTAL			4,780,090	12,327	58	174	4,780,148	12,501
MAINE								
-BROOK TROUT					3,600	973	3,600	973
-LANDLOCKED ATL SAL			175	58	1,292	275	1,467	333
-STRIPED BASS (ANAD)			20,950	252			20,950	252
-ATLANTIC SALMON	472,303	216	868,985	114,700			1,341,288	114,916
TOTAL	472,303	216	890,110	115,010	4,892	1,248	1,367,305	116,474
MARYLAND								
-LARGEMOUTH BASS			5,300	26			5,300	26
-CHANNEL CATFISH			15,000	557			15,000	557
-RAINBOW TROUT					14,500	6,450	14,500	6,450
TOTAL			20,300	583	14,500	6,450	34,800	7,033

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
MASSACHUSETTS								
-CHANNEL CATFISH			2,000	10			2,000	10
-BROWN TROUT					2,145	3,990	2,145	3,990
-BROOK TROUT					2,125	2,988	2,125	2,988
-LANDLOCKED ATL SAL					400	1,804	400	1,804
-ATLANTIC SALMON			154,445	15,230			154,445	15,230
TOTAL			156,445	15,240	4,670	8,782	161,115	24,022
MICHIGAN								
-RAINBOW TROUT					2,102	489	2,102	489
-LAKE TROUT			4,544,312	180,911	1,534	14,928	4,545,846	195,839
TOTAL			4,544,312	180,911	3,636	15,417	4,547,948	196,328
MINNESOTA								
-LARGEMOUTH BASS			1,678	1			1,678	1
-BLUEGILL	3,200	3	400	23			3,600	26
-CHANNEL CATFISH			197,000	1,368			197,000	1,368
-CARP					30	30	30	30
-BOWFIN					868	3,600	868	3,600
-WALLEYE	450,000	4	84,000	53			534,000	57
-NORTHERN PIKE	366,000	10			20	10	366,020	20
-BROOK TROUT			6,300	92			6,300	92
-LAKE TROUT			302,521	12,342			302,521	12,342
TOTAL	819,200	17	591,899	13,879	918	3,640	1,412,017	17,536
MISSISSIPPI								
-LARGEMOUTH BASS			532,743	398			532,743	398
-BLUEGILL			2,714,742	2,968	5	3	2,714,747	2,971
-REDEAR SUNFISH			1,400,594	1,403			1,400,594	1,403
-BLUE CATFISH			230,000	1,660			230,000	1,660
-CHANNEL CATFISH			379,194	2,820	18,000	5,334	397,194	8,154
-WHITE X STRIPED BASS			225,000	225			225,000	225
-STRIPED BASS (ANAD)			581,146	500			581,146	500
TOTAL			6,063,419	9,974	18,005	5,337	6,081,424	15,311
MISSOURI								
-BLUEGILL			60,750	90			60,750	90
-CHANNEL CATFISH			91,000	786	1,250	84	92,250	870
-WALLEYE	14,800,000	354					14,800,000	354
-NORTHERN PIKE	1,500,000	43					1,500,000	43
-RAINBOW TROUT			2,000	35	506,550	121,803	508,550	121,838
TOTAL	16,300,000	397	153,750	911	507,800	121,887	16,961,550	123,195

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
MONTANA								
-LARGEMOUTH BASS			500	2			500	2
-NORTHERN PIKE	3,000,000	150	10,000	14			3,010,000	164
-RAINBOW TROUT	64,719	106	226,563	6,171	487,068	74,952	778,350	81,229
-CUTTHROAT TROUT			243,651	4,823	11,337	6,315	254,988	11,138
-BROWN TROUT			23,498	644			23,498	644
-BROOK TROUT			205,324	1,158			205,324	1,158
-LAKE TROUT			7,400	456			7,400	456
-SPRING CHINOOK SAL			4,166	247			4,166	247
TOTAL	3,064,719	256	721,102	13,515	498,405	81,267	4,284,226	95,038
NEBRASKA								
-LARGEMOUTH BASS	38,541	36			160	100	38,701	136
-SMALLMOUTH BASS	25,000	26					25,000	26
-BLUEGILL	305,000	275					305,000	275
-CHANNEL CATFISH			211,240	1,271			211,240	1,271
-WALLEYE	629,500	468					629,500	468
-RAINBOW TROUT			10,000	625	7,000	1,483	17,000	2,108
-CUTTHROAT TROUT			23,000	930			23,000	930
TOTAL	998,041	805	244,240	2,826	7,160	1,583	1,249,441	5,214
NEVADA								
-WALLEYE	4,000,000	110					4,000,000	110
-RAINBOW TROUT					414,490	77,695	414,490	77,695
-CUTTHROAT TROUT			1,246,612	8,473	571,969	79,868	1,818,581	88,341
TOTAL	4,000,000	110	1,246,612	8,473	986,459	157,563	6,233,071	166,146
NEW HAMPSHIRE								
-ATLANTIC SALMON	28,875	31	106,238	43,209			135,113	43,240
TOTAL	28,875	31	106,238	43,209			135,113	43,240
NEW JERSEY								
-LARGEMOUTH BASS			4,000	160			4,000	160
-CHANNEL CATFISH	55,700	5					55,700	5
-RAINBOW TROUT					7,800	3,226	7,800	3,226
-BROOK TROUT					20,200	10,005	20,200	10,005
-STRIPED BASS (ANAD)			50,000	40			50,000	40
TOTAL	55,700	5	54,000	200	28,000	13,231	137,700	13,436

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
NEW MEXICO								
-LARGEMOUTH BASS			305,440	487			305,440	487
-CHANNEL CATFISH			175,500	4,410	139,514	40,952	315,014	45,362
-CHIHUAHUA CHUB	13	1					13	1
-RAINBOW TROUT			274,910	23,445	464,727	79,412	739,637	102,857
-CUTTHROAT TROUT			227,540	24,052	33,002	9,446	260,542	33,498
TOTAL	13	1	983,390	52,394	637,243	129,810	1,620,646	182,205
NEW YORK								
-CHANNEL CATFISH			7,000	125			7,000	125
-BONYTAIL CHUB			10	1			10	1
-COLORADO SQUAWFISH			6	1			6	1
-LAKE TROUT			1,061,460	100,494	552	1,551	1,062,012	102,045
-LANDLOCKED ATL SAL			111,237	5,355			111,237	5,355
-STRIPED BASS (ANAD)			4	12			4	12
TOTAL			1,179,717	105,988	552	1,551	1,180,269	107,539
NORTH CAROLINA								
-LARGEMOUTH BASS			195,114	255			195,114	255
-BLUEGILL			723,360	392			723,360	392
-REDEAR SUNFISH			306,429	167			306,429	167
-CHANNEL CATFISH			129,769	3,064			129,769	3,064
-WHITE X STRIPED BASS			9,200	12			9,200	12
-STRIPED BASS(INLAND)			311,000	337			311,000	337
-RAINBOW TROUT			47,809	459	23,142	34,281	70,951	34,740
-STRIPED BASS (ANAD)			329,132	22,576			329,132	22,576
TOTAL			2,051,813	27,262	23,142	34,281	2,074,955	61,543
NORTH DAKOTA								
-SMALLMOUTH BASS	87,500	121	103,300	231			190,800	352
-BLACK CRAPPIE			208,800	174	97	97	208,897	271
-BLUEGILL	2,000	2	367,000	230	356	233	369,356	465
-CHANNEL CATFISH			75,000	375			75,000	375
-PADDLEFISH	55,000	1	15,834	273	10,727	351	81,561	625
-WALLEYE	18,076,000	203	2,996,564	1,772			21,072,564	1,975
-SAUGER			32,175	68			32,175	68
-NORTHERN PIKE	5,527,000	303	2,698,574	2,760			8,225,574	3,063
-MUSKELLUNGE			600	24			600	24
-OTHER PIKE			16,200	78			16,200	78
-RAINBOW TROUT			353,568	8,966			353,568	8,966
-STEELHEAD TROUT			47,700	500	9,295	1,430	56,995	1,930
-FALL CHINOOK SALMON	237,400	126	1,020,784	12,224			1,258,184	12,350
TOTAL	23,984,900	756	7,936,099	27,675	20,475	2,111	31,941,474	30,542

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
OHIO								
-LARGEMOUTH BASS			2,762	3			2,762	3
-SMALLMOUTH BASS					19	57	19	57
-BLUEGILL			3,400	1			3,400	1
-CHANNEL CATFISH			72,036	783	400	44	72,436	827
-WHITE X STRIPED BASS			25,000	41			25,000	41
-WALLEYE	2,950,000	16	1,212,110	1,209			4,162,110	1,225
-WALLEYE X SAUGER			359,100	410			359,100	410
-RAINBOW TROUT			108,219	10,060	11,184	4,632	119,403	14,692
TOTAL	2,950,000	16	1,782,627	12,507	11,603	4,733	4,744,230	17,256
OKLAHOMA								
-LARGEMOUTH BASS			853,550	1,673			853,550	1,673
-SMALLMOUTH BASS			144,416	226			144,416	226
-BLUE CATFISH			500	50	23	140	523	190
-CHANNEL CATFISH	1,227,000	100	400,055	8,464	22,452	2,880	1,649,507	11,444
-WHITE X STRIPED BASS			286,442	462			286,442	462
-STRIPED BASS(INLAND)			98,702	119			98,702	119
-RAINBOW TROUT					212,218	56,933	212,218	56,933
-CUTTHROAT TROUT					20,000	5,308	20,000	5,308
TOTAL	1,227,000	100	1,783,665	10,994	254,693	65,261	3,265,358	76,355
OREGON								
-SMALLMOUTH BASS	50,000	5					50,000	5
-RAINBOW TROUT					19,770	8,100	19,770	8,100
-BROOK TROUT			20,001	339			20,001	339
-STEELHEAD TROUT			242,290	12,932			242,290	12,932
-COHO SALMON			1,420,214	70,644			1,420,214	70,644
-FALL CHINOOK SALMON			227,661	635			227,661	635
-SPRING CHINOOK SAL	7,567	4	1,951,184	132,680			1,958,751	132,684
TOTAL	57,567	9	3,861,350	217,230	19,770	8,100	3,938,687	225,339
PENNSYLVANIA								
-CHANNEL CATFISH			168,100	1,675			168,100	1,675
-WHITE X STRIPED BASS			25,000	41			25,000	41
-SAUGER	250,000	1					250,000	1
-RAINBOW TROUT			25,200	63	126,332	49,680	151,532	49,743
-BROOK TROUT			5,000	694	83,310	38,034	88,310	38,728
-LAKE TROUT			77,000	6,287	865	1,823	77,865	8,110
-LANDLOCKED ATL SAL			30	1	15	3	45	4
-ATLANTIC SALMON			240	13			240	13
TOTAL	250,000	1	300,570	8,774	210,522	89,540	761,092	98,315

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
RHODE ISLAND								
-ATLANTIC SALMON			24,600	703			24,600	703
TOTAL			24,600	703			24,600	703
SOUTH CAROLINA								
-BLUEGILL			55,000	55			55,000	55
-REDEAR SUNFISH			25,000	25			25,000	25
-OTHER SUNFISH			453,800	481			453,800	481
-BLUE CATFISH			54,600	307			54,600	307
-CHANNEL CATFISH			149,200	436	153,140	2,260	302,340	2,696
-RAINBOW TROUT					277,428	64,244	277,428	64,244
-BROWN TROUT			10,570	151	97,594	22,488	108,164	22,639
-BROOK TROUT					16,531	5,155	16,531	5,155
-STRIPED BASS (ANAD)	600,000	6	1,378,674	2,214			1,978,674	2,220
-STURGEON	32,000	27	6,000	7	116	583	38,116	617
TOTAL	632,000	33	2,132,844	3,676	544,809	94,730	3,309,653	98,439
SOUTH DAKOTA								
-LARGEMOUTH BASS	52,000	52	60,500	201			112,500	253
-SMALLMOUTH BASS	290,745	300					290,745	300
-BLUEGILL	388,500	244					388,500	244
-CHANNEL CATFISH			90,500	966			90,500	966
-PADDLEFISH	85,000	2	24,400	273			109,400	275
-WALLEYE	3,410,200	748					3,410,200	748
-NORTHERN PIKE	1,000,000	51	92,500	247			1,092,500	298
-RAINBOW TROUT					8,100	1,725	8,100	1,725
-STEELHEAD TROUT			7,500	428	530	90	8,030	518
-FALL CHINOOK SALMON			394,400	4,040			394,400	4,040
TOTAL	5,226,445	1,397	669,800	6,155	8,630	1,815	5,904,875	9,367
TENNESSEE								
-LARGEMOUTH BASS			91,247	326			91,247	326
-BLUEGILL			544,015	876			544,015	876
-REDEAR SUNFISH			213,820	361			213,820	361
-CHANNEL CATFISH			94,826	1,014	4,500	120	99,326	1,134
-STRIPED BASS(INLAND)			96,295	180			96,295	180
-WALLEYE	1,000,000	12					1,000,000	12
-RAINBOW TROUT			219,395	7,270	601,397	194,920	820,792	202,190
-BROWN TROUT					15,000	1,782	15,000	1,782
-BROOK TROUT					10,000	971	10,000	971
-LAKE TROUT			76,676	3,581			76,676	3,581
TOTAL	1,000,000	12	1,336,274	13,608	630,897	197,793	2,967,171	211,413

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
TEXAS								
-LARGEMOUTH BASS			286,525	1,673	588	78	287,113	1,751
-SMALLMOUTH BASS			96,000	97			96,000	97
-OTHER BASS					50	23	50	23
-CHANNEL CATFISH			73,883	1,981	34,673	22,168	108,556	24,149
-GOLDFISH					40	10	40	10
-WHITE X STRIPED BASS			110,313	153			110,313	153
-RAINBOW TROUT					230,100	48,063	230,100	48,063
-CUTTHROAT TROUT					7,221	1,920	7,221	1,920
TOTAL			566,721	3,904	272,672	72,262	839,393	76,166
UTAH								
-SMALLMOUTH BASS	65,000	100					65,000	100
-BLUEGILL	1,500,000	150					1,500,000	150
-RIO GRANDE CHUB			27	3			27	3
-CHANNEL CATFISH			274,900	2,910			274,900	2,910
-YAQUI CHUB			5	1			5	1
-RAINBOW TROUT			791,261	48,990	485,513	118,915	1,276,774	167,905
-CUTTHROAT TROUT			198,685	13,001	19,154	5,627	217,839	18,628
-BROOK TROUT			33,183	2,063			33,183	2,063
TOTAL	1,565,000	250	1,298,061	66,968	504,667	124,542	3,367,728	191,760
VERMONT								
-LAKE TROUT			143,013	6,688			143,013	6,688
-LANDLOCKED ATL SAL			70,695	5,335			70,695	5,335
-ATLANTIC SALMON	273,032	6,920	52,629	4,678			325,661	11,598
TOTAL	273,032	6,920	266,337	16,701			539,369	23,621
VIRGINIA								
-LARGEMOUTH BASS			29,095	342	170	228	29,265	570
-BLUEGILL					300	74	300	74
-REDEAR SUNFISH					19	3	19	3
-BLUE CATFISH	232,000	334					232,000	334
-CHANNEL CATFISH	12,000	10	31,400	1,192	11,754	4,900	55,154	6,102
-GOLDFISH					12	24	12	24
-WHITE X STRIPED BASS			7,800	191			7,800	191
-STRIPED BASS(INLAND)			70,655	1,318			70,655	1,318
-BROWN TROUT					2,000	329	2,000	329
-BROOK TROUT					1,993	906	1,993	906
-STRIPED BASS (ANAD)			170,000	107			170,000	107
TOTAL	244,000	344	308,950	3,150	16,248	6,464	569,198	9,958

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
WASHINGTON								
-CHANNEL CATFISH			41,860	46			41,860	46
-RAINBOW TROUT			402,986	8,519	49,662	13,290	452,648	21,809
-CUTTHROAT TROUT			57,000	540	330	100	57,330	640
-BROOK TROUT			530,269	9,962			530,269	9,962
-STRIPED BASS (ANAD)			2,000	2			2,000	2
-STEELHEAD TROUT	635,225	277	946,134	43,838			1,581,359	44,115
-CHUM SALMON	1,688,709	3,836	5,194,944	22,489			6,883,653	26,325
-COHO SALMON	860,132	3,366	2,716,188	116,047			3,576,320	119,413
-FALL CHINOOK SALMON	48,000	114	17,158,439	138,001			17,206,439	138,115
-SPRING CHINOOK SAL			9,588,401	513,597			9,588,401	513,597
-UP RIVER BRIGHT FCS			2,536,563	33,595			2,536,563	33,595
TOTAL	3,232,066	7,593	39,174,784	886,636	49,992	13,390	42,456,842	907,619
WEST VIRGINIA								
-LARGEMOUTH BASS					39	78	39	78
-CHANNEL CATFISH					23	184	23	184
-RAINBOW TROUT	60,000	40	4,851	63	255,149	148,403	320,000	148,506
-BROWN TROUT			22,510	168	64,520	18,117	87,030	18,285
-BROOK TROUT	10,000	5	123,160	765	84,090	40,255	217,250	41,025
-LAKE TROUT	5,000	1			10	105	5,010	106
-STRIPED BASS (ANAD)			3,596	319			3,596	319
TOTAL	75,000	46	154,117	1,315	403,831	207,142	632,948	208,503
WISCONSIN								
-LARGEMOUTH BASS			526,660	695	23	19	526,683	714
-SMALLMOUTH BASS			50,130	36	90	180	50,220	216
-BLACK CRAPPIE					1,020	340	1,020	340
-BLUEGILL			27,470	22	1,000	246	28,470	268
-OTHER SUCKERS	50,000	2					50,000	2
-CHANNEL CATFISH	80,000	9					80,000	9
-BLACK BULLHEAD			5,850	14			5,850	14
-CARP					131	423	131	423
-GARS					106	184	106	184
-BOWFIN					100	400	100	400
-OTHER WARM WATER					10,000	200	10,000	200
-YELLOW PERCH					265	82	265	82
-WALLEYE	1,147,500	13			6	12	1,147,506	25
-SAUGER					16	24	16	24
-NORTHERN PIKE	6,410,000	182	110	10	330	260	6,410,440	452
-MUSKELLUNGE	5,000	1					5,000	1
-RAINBOW TROUT			8,964	614	32,934	7,359	41,898	7,973
-BROOK TROUT			6,900	90			6,900	90
-LAKE TROUT			1,640,256	60,181	368	2,466	1,640,624	62,647
-STRIPED BASS (ANAD)	20,000	1	20,000	20			40,000	21
TOTAL	7,712,500	208	2,286,340	61,682	46,389	12,195	10,045,229	74,085

FISH DISTRIBUTION BY STATE AND SPECIES

STATE AND SPECIES	FRY		FINGERLING		ADULT		TOTAL	
	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS	NUMBER	POUNDS
WYOMING								
-SMALLMOUTH BASS			25,000	56			25,000	56
-CHANNEL CATFISH			65,000	325			65,000	325
-PADDLEFISH	10,000	1					10,000	1
-WALLEYE	830,000	21					830,000	21
-OTHER PIKE			4,900	172			4,900	172
-RAINBOW TROUT			136,259	4,718	71,497	16,717	207,756	21,435
-CUTTHROAT TROUT			610,934	10,953	354,812	71,857	965,746	82,810
-BROWN TROUT			21,000	470	600	550	21,600	1,020
-BROOK TROUT			34,370	1,323	626	840	34,996	2,163
-LAKE TROUT					76,624	15,956	76,624	15,956
TOTAL	840,000	22	897,463	18,017	504,159	105,920	2,241,622	123,959
U.S. TOTAL	86,072,237	20,780	134,265,643	3,027,299	11,180,884	3,037,870	231,518,764	6,085,949
CANADA								
-LAKE TROUT					34	345	34	345
TOTAL					34	345	34	345
TOTAL FOREIGN DIST.					34	345	34	345
TOTAL FWS	86,072,237	20,780	134,265,643	3,027,299	11,180,918	3,038,215	231,518,798	6,086,294

NATIONAL FISH HATCHERY SYSTEM

o PRODUCTION AND DISTRIBUTION FACILITIES o

o FISH HEALTH CENTERS o

o FISH TECHNOLOGY CENTERS o

o FISHERY ASSISTANCE OFFICES o

FISHERY RESOURCES PROGRAM
NATIONAL FISH HATCHERY SYSTEM

PRODUCTION AND DISTRIBUTION FACILITIES

ALABAMA	
CARBON HILL	CARBON HILL, 35549
ARIZONA	
ALCHESAY	WHITERIVER, 85941
WILLIAMS CREEK	WHITERIVER, 85941
WILLOW BEACH	BOULDER CITY, NV 89005
ARKANSAS	
GREERS FERRY	HEBER SPRINGS, 72543
MAMMOTH SPRING	MAMMOTH SPRING, 72554
NORFORK	MOUNTAIN HOME, 72653
CALIFORNIA	
COLEMAN	ANDERSON, 96007
TEHAMA-COLUSA	RED BLUFF, 96080
COLORADO	
HOTCHKISS	HOTCHKISS, 81419
LEADVILLE	LEADVILLE, 80461
FLORDIA	
WELAKA	WELAKA, 32093
GEORGIA	
CHATTAHOOCHEE FOREST	SUCHES, 30752
MILLEN	MILLEN, 30442
WARM SPRINGS	WARM SPRINGS, 31830

- PRODUCTION AND DISTRIBUTION FACILITIES -

IDAHO

DWORSHAK	AHSAHKA, 83520
HAGERMAN	HAGERMAN, 83332
KOOSKIA	KOOSKIA, 83539

KENTUCKY

FRANKFORT	FRANKFORT, 40601
WOLF CREEK	JAMESTOWN, 42629

LOUISIANA

NATCHITOCHES	NATCHITOCHES, 71457

MAINE

CRAIG BROOK	EAST ORLAND, 04431
GREEN LAKE	ELLSWORTH, 04605

MASSACHUSETTS

BERKSHIRE	GREAT BARRINGTON, 01230
NORTH ATTLEBORO	NORTH ATTLEBORO, 02760
SUNDERLAND	SUNDERLAND, 01375

MICHIGAN

HIAWATHA FOREST	BRIMLEY, 49715
JORDON RIVER	ELMIRA, 49730
PENDILLS CREEK	BRIMLEY, 49715

MISSISSIPPI

MERIDIAN	MERIDIAN, 39301
PVT. JOHN ALLEN	TUPELO, 38801

- PRODUCTION AND DISTRIBUTION FACILITIES -

MISSOURI	
NEOSHO	NEOSHO, 64850
MONTANA	
CRESTON	KALISPELL, 59901
ENNIS	ENNIS, 59729
NEVADA	
LAHONTAN	GARDNERVILLE, 89410
*MARBLE BLUFF	NIXON, 89420
NEW HAMPSHIRE	
LITCHFIELD	NASHUA, 03060
NASHUA	NASHUA, 03060
NEW MEXICO	
DEXTER	DEXTER, 88230
MESCALERO	MESCALERO, 88340
NORTH CAROLINA	
EDENTON	EDENTON, 27932
MCKINNEY LAKE	HOFFMAN, 28347
NORTH DAKOTA	
BALDHILL DAM	VALLEY CITY, 58072
GARRISON DAM	RIVERDALE, 58565
VALLEY CITY	VALLEY CITY, 58072
OHIO	
SENECAVILLE	SENECAVILLE, 43780

- PRODUCTION AND DISTRIBUTION FACILITIES -

OKLAHOMA	
TISHOMINGO	TISHOMINGO, 73460
OREGON	
EAGLE CREEK	ESTACADA, 97023
WARM SPRINGS	WARM SPRINGS, 97761
PENNSYLVANIA	
ALLEGHENY	WARREN, 16365
LAMAR	LAMAR, 16848
SOUTH CAROLINA	
BEARS BLUFF	CHARLESTON, 29426
ORANGEBURG	ORANGEBURG, 29116
WALHALLA	WALHALLA, 29691
SOUTH DAKOTA	
GAVINS POINT	YANKTON, 57078
TENNESSEE	
DALE HOLLOW	CELINA, 38551
ERWIN	ERWIN, 37650
TEXAS	
INKS DAM	BURNET, 78611
SAN MARCOS	SAN MARCOS, 78666
UVALDE	UVALDE, 78802
UTAH	
JONES HOLE	VERNAL, 84078

- PRODUCTION AND DISTRIBUTION FACILITIES -

VERMONT	
PITTSFORD	PITTSFORD, 05763
WHITE RIVER	BETHEL, 05032
VIRGINIA	
HARRISON LAKE	CHARLES CITY, 23030
WASHINGTON	
ABERNATHY	LONGVIEW, 98632
CARSON	CARSON, 98610
ENTIAT	ENTIAT, 98822
LEAVENWORTH	LEAVENWORTH, 98826
LITTLE WHITE SALMON	COOK, 98605
MAKAH	NEAH BAY, 98357
QUILCENE	QUILCENE, 98376
QUINAULT	NEILTON, 98566
SPRING CREEK	UNDERWOOD, 98651
WILLARD	COOK, 98605
WINTHROP	WINTHROP, 98862
*YAKIMA FISH SCREENS	UNION GAP, 98903
WEST VIRGINIA	
BOWDEN	ELKINS, 26241
WHITE SULPHUR SPRINGS	WHITE SULPHUR SPRINGS, 24986
WISCONSIN	
GENOA	GENOA, 54632
IRON RIVER	IRON RIVER, 54847
WYOMING	
JACKSON	JACKSON, 83001
SARATOGA	SARATOGA, 82331

* NON-PRODUCTION FACILITY.

FISH HEALTH CENTERS

ARIZONA	
PINETOP	PINETOP, 85935
ARKANSAS	
HEBER SPRINGS	HEBER SPRINGS, 72543
COLORADO	
FORT MORGAN	FORT MORGAN, 80701
IDAHO	
DWORSHAK	AHSAHKA, 83520
NORTH CAROLINA	
PISGAH FOREST	PISGAH FOREST, 28768
PENNSYLVANIA	
LAMAR	LAMAR, 16848
WASHINGTON	
LOWER COLUMBIA RIVER	COOK, 98605
OLYMPIA	OLYMPIA, 98502
WISCONSIN	
LACROSSE	GENOA, 54632

FISH TECHNOLOGY CENTERS

MONTANA	
BOZEMAN	BOZEMAN, 59715
PENNSYLVANIA	
LAMAR	LAMAR, 16848
TEXAS	
SAN MARCOS	SAN MARCOS, 78666
WASHINGTON	
ABERNATHY	LONGVIEW, 98632
WYOMING	
BEULAH	BEULAH, 82712

FISHERIES RESOURCES PROGRAM

FISHERY ASSISTANCE STATIONS

ALASKA	
KENAI	KENAI, 99611
FAIRBANKS	FAIRBANKS, 99701
KING SALMON	KING SALMON, 99613
ARIZONA	
PARKER	PARKER, 85344
PINETOP	PINETOP, 85941
ARKANSAS	
GREERS FERRY	HEBER SPRINGS, 72543
CALIFORNIA	
ARCATA	ARCATA, 95521
RED BLUFF	RED BLUFF, 96080
STOCKTON	STOCKTON, 95205
TRINITY RIVER	WEAVERVILLE, 96093
COLORADO	
DENVER (LAKEWOOD)	GOLDEN, 80401
FLORDIA	
PANAMA CITY	PANAMA CITY, 32405
IDAHO	
LOWER SNAKE RIVER COORDINATOR (BOISE)	COOK, 98605
DWORSHAK (AHSAHKA)	AHSAHKA, 83520
ILLINOIS	
CARTERVILLE (CRAB ORCHARD)	CARTERVILLE, 62918
LOUISIANA	
NATCHITOCHES	NATCHITOCHES, 71357
MARYLAND	
CHESAPEAKE BAY COORDINATOR	ANNAPOLIS, 21401
MASSACHUSETTS	
CONNECTICUT RIVER ANADROMOUS FISH PROGRAM (HADLEY)	HADLEY, 01035

- FISHERY ASSISTANCE STATIONS -

MICHIGAN	
ELMIRA (JORDAN RIVER)	ELMIRA, 49730
MINNESOTA	
WINONA (UPPER MISSISSIPPI). . .	WINONA, 55987
NEBRASKA	
VALENTINE	VALENTINE, 69201
NEW HAMPSHIRE	
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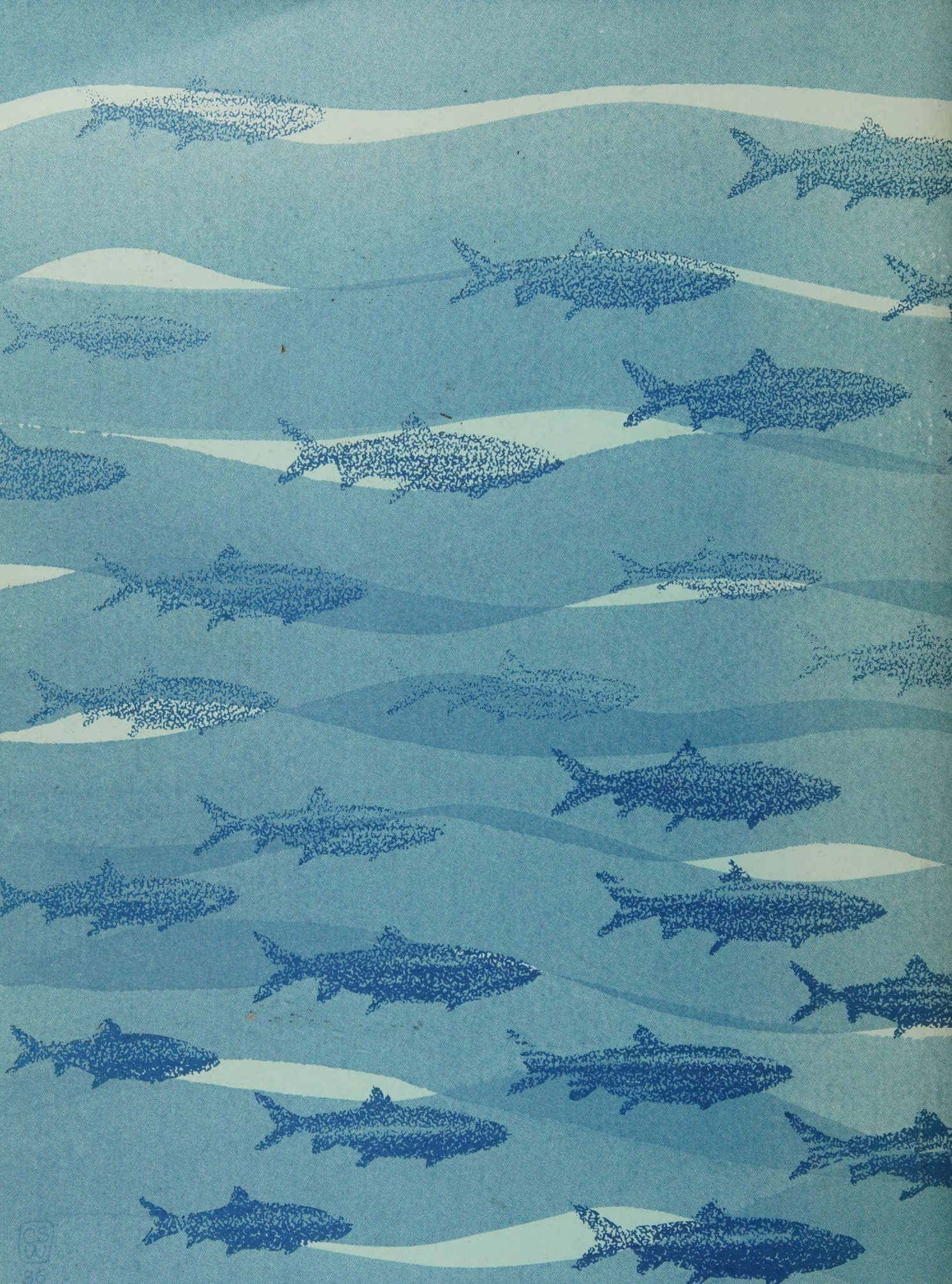
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